

EXERCISE INDIAN OCEAN WAVE 23

An Indian Ocean-wide Tsunami Warning and Communications Exercise

4–25 October 2023

Volume 1

Exercise Manual

Supplement 1

TSP Bulletins for Scenario 1: Andaman Trench

To be issued by the TSPs to NTWCs/TWFPs on 4 October 2023

UNESCO

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UNESCO 2023

IOC Technical Series, 181 Vol.1, Supplement 1
Perth, August 2023
English only

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

UNESCO/IOC. 2023. *Exercise Indian Ocean Wave 2023: An Indian Ocean-wide Tsunami Warning and Communication Exercise, 4–25 October 2023. Volume 1: Exercise Manual. Supplement 1: TSP Bulletins for Scenario 1, Andaman Trench.* Perth, UNESCO, IOC Technical Series No. 181, Vol. 1 Supplement 1.

Prepared by the Exercise IOWave23 Task Team for the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System.

TABLE OF CONTENTS

	page
INTRODUCTION	1
1. TSP AUSTRALIA MAPS	2
2. TSP AUSTRALIA BULLETINS	7
BULLETIN 1	7
BULLETIN 2	9
BULLETIN 3	12
BULLETIN 4	19
BULLETIN 5	27
BULLETIN 6	36
BULLETIN 7	45
BULLETIN 8	54
BULLETIN 9	64
BULLETIN 10	74
BULLETIN 11	84
BULLETIN 12	94
BULLETIN 13	104
BULLETIN 14	114
BULLETIN 15	124
3. TSP INDIA MAPS	128
4. TSP INDIA BULLETINS	130
BULLETIN 1	130
BULLETIN 2	131
BULLETIN 3	140
BULLETIN 4	149
BULLETIN 5	158
BULLETIN 6	167
BULLETIN 7	176
BULLETIN 8	185
BULLETIN 9	194
BULLETIN 10	203
BULLETIN 11	212

- BULLETIN 12 221
- BULLETIN 13 230
- BULLETIN 14 239
- BULLETIN 15 248
- 5. TSP INDONESIA MAPS 250
- 6. TSP INDONESIA BULLETINS 255
 - BULLETIN 1 255
 - BULLETIN 2 257
 - BULLETIN 3 265
 - BULLETIN 4 274
 - BULLETIN 5 283
 - BULLETIN 6 292
 - BULLETIN 7 301
 - BULLETIN 8 310
 - BULLETIN 9 320
 - BULLETIN 10 330
 - BULLETIN 11 340
 - BULLETIN 12 350
 - BULLETIN 13 360
 - BULLETIN 14 370
 - BULLETIN 15 380

INTRODUCTION

This document contains all the products generated by the Tsunami Service Providers (TSPs) in Australia, India, and Indonesia in advance of the Andaman Trench scenario of Exercise Indian Ocean Wave 2023 (IOWave23) to be conducted on 4 October 2023.

1. TSP AUSTRALIA MAPS

M8.2

Figure S1-01. Threat Map

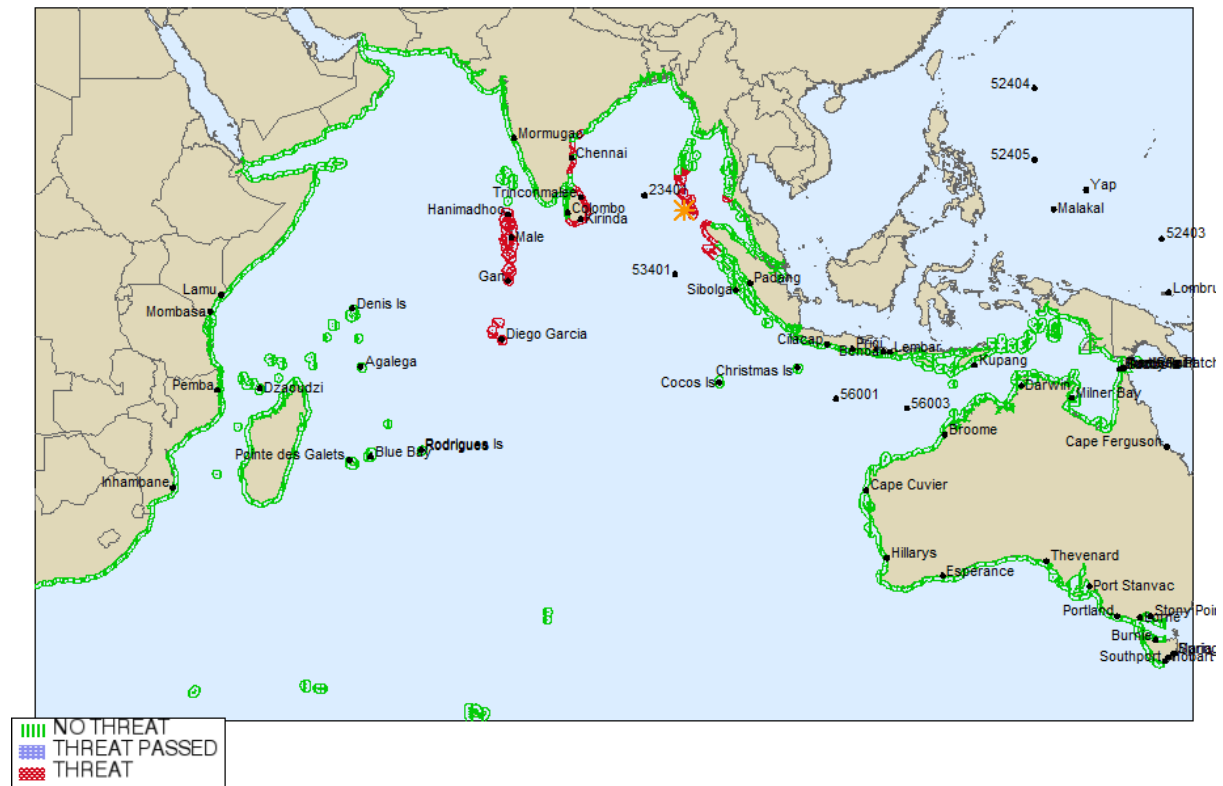


Figure S1-02. Travel Time Map

NICOBAR ISLANDS, INDIA REGION 04:00 UTC 04 October 2023 7.20N 92.90E Mag 8.2

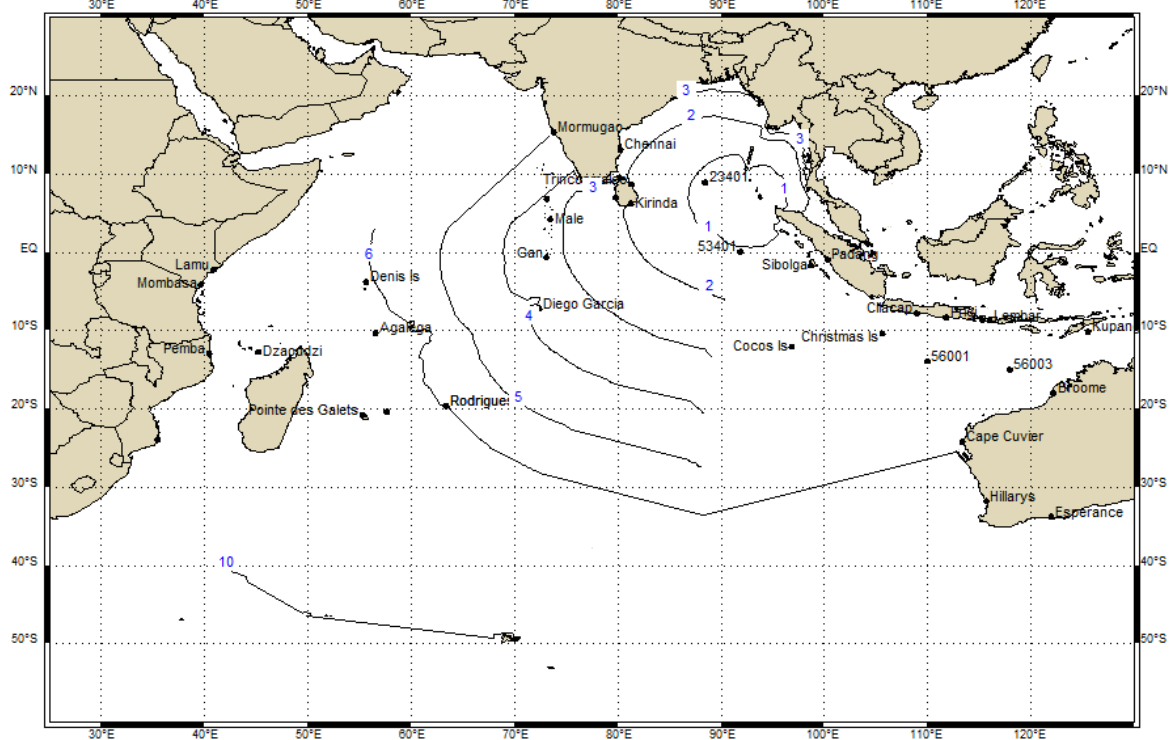
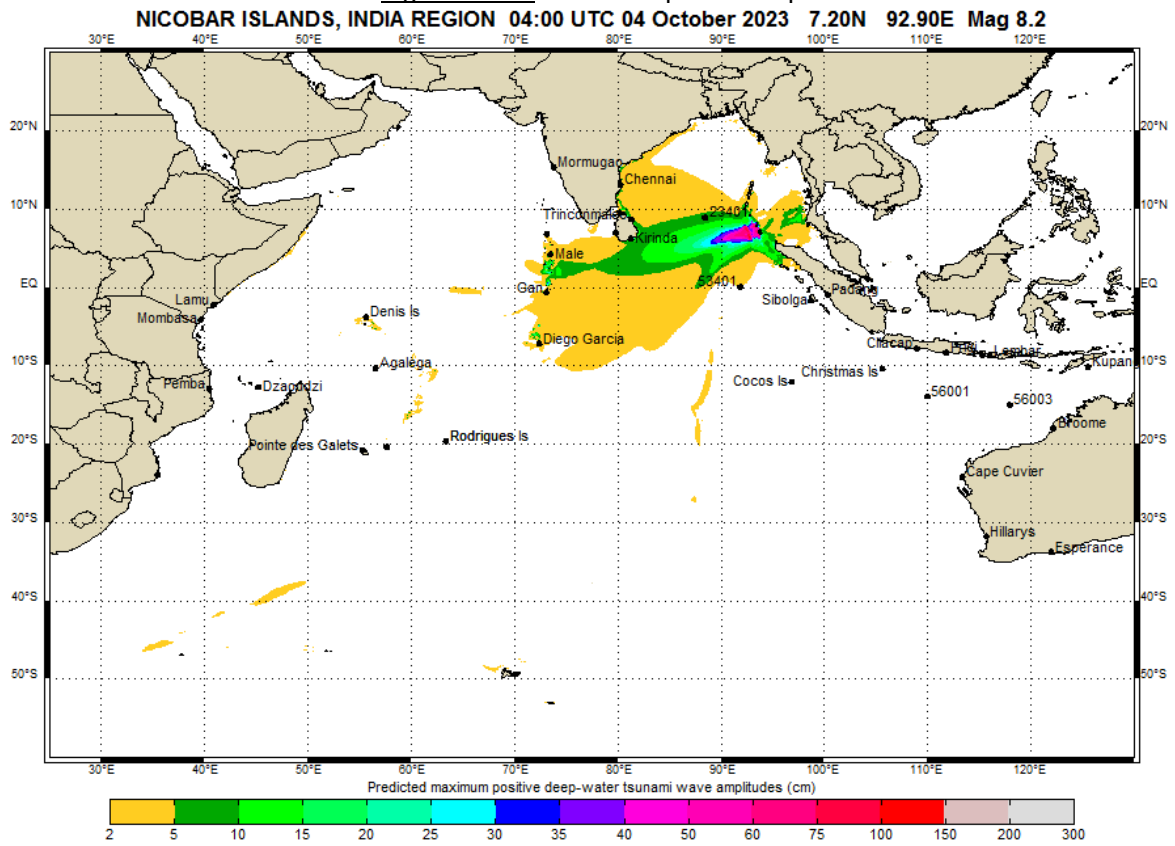


Figure S1-03. Wave Amplitude Map



M8.9

Figure S1-04. Threat Map

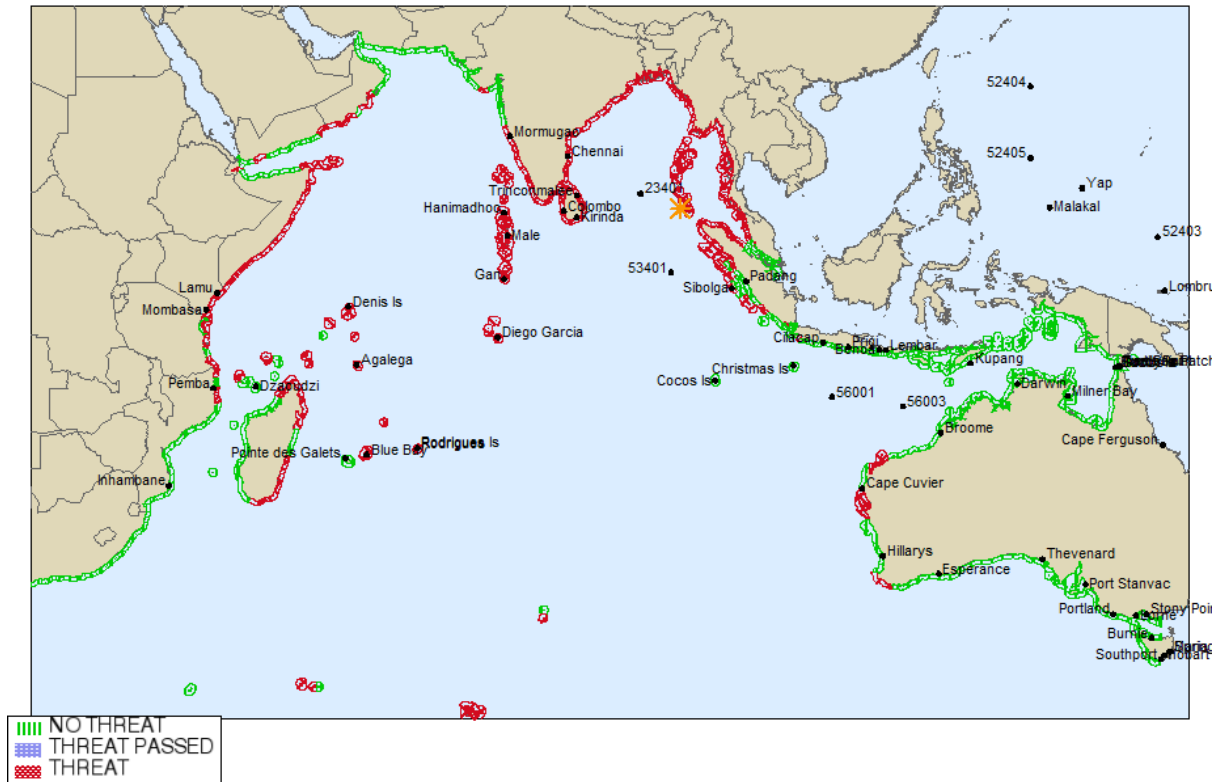


Figure S1=1-05. Travel Time Map

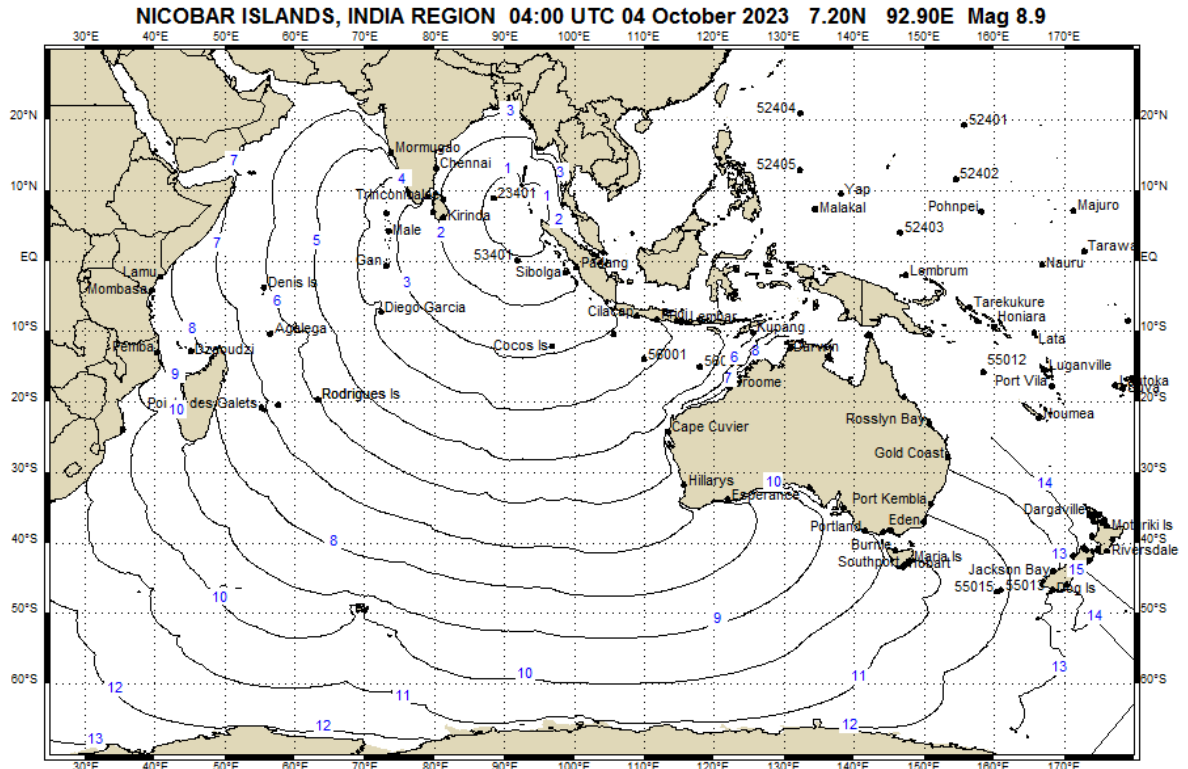
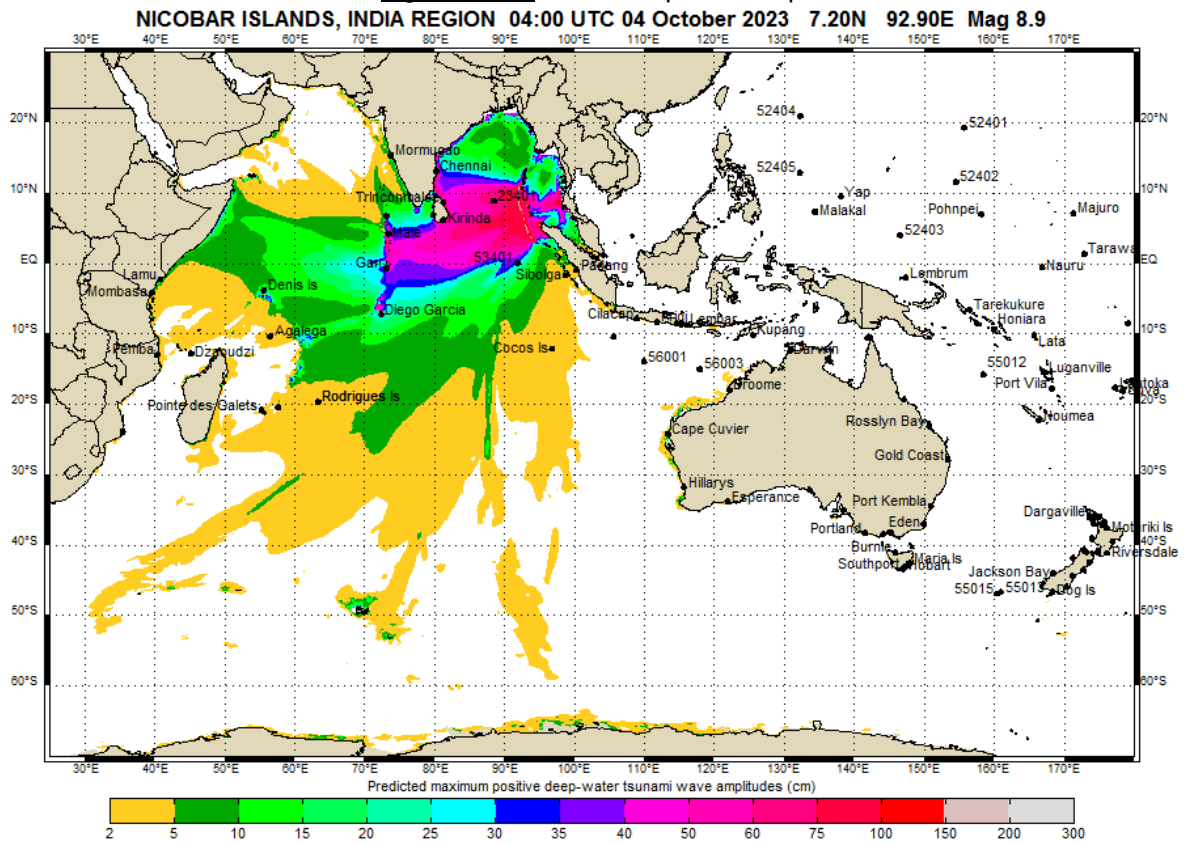


Figure S1-06. Wave Amplitude Map



M9.0

Figure S1-07. Threat Map

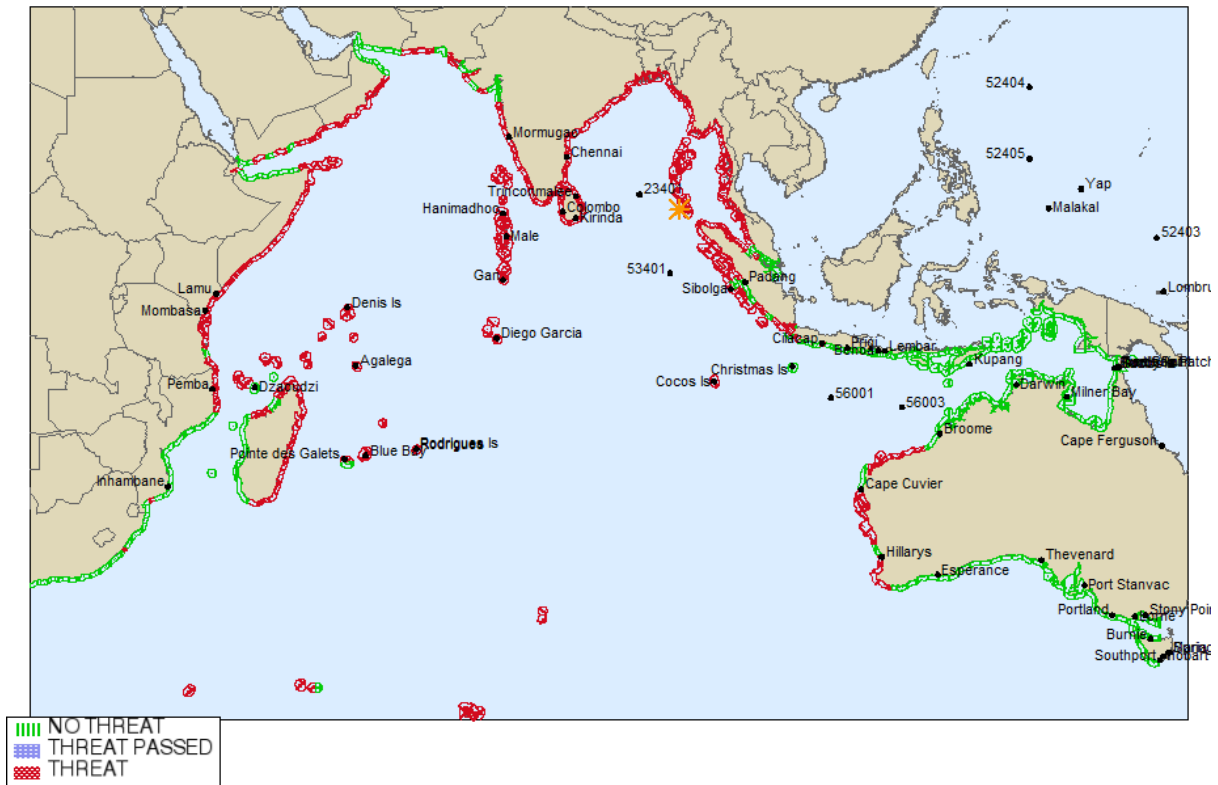


Figure S1-08. Travel Time Map

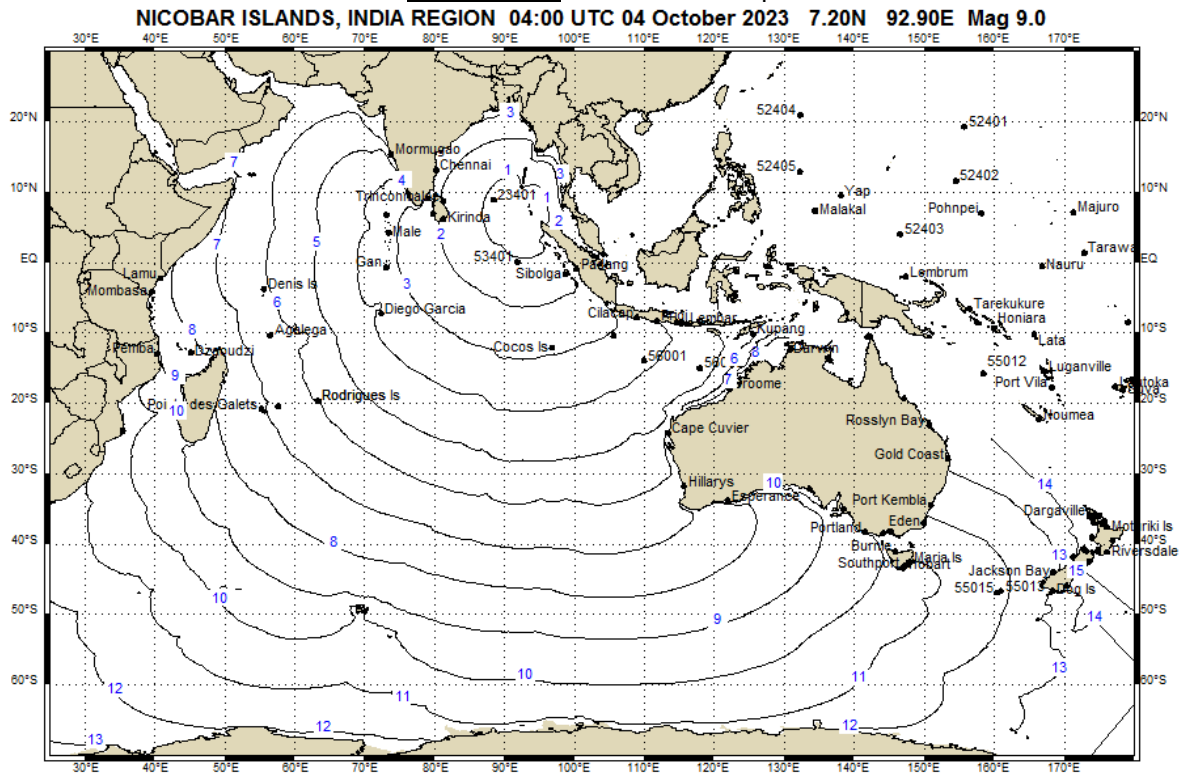
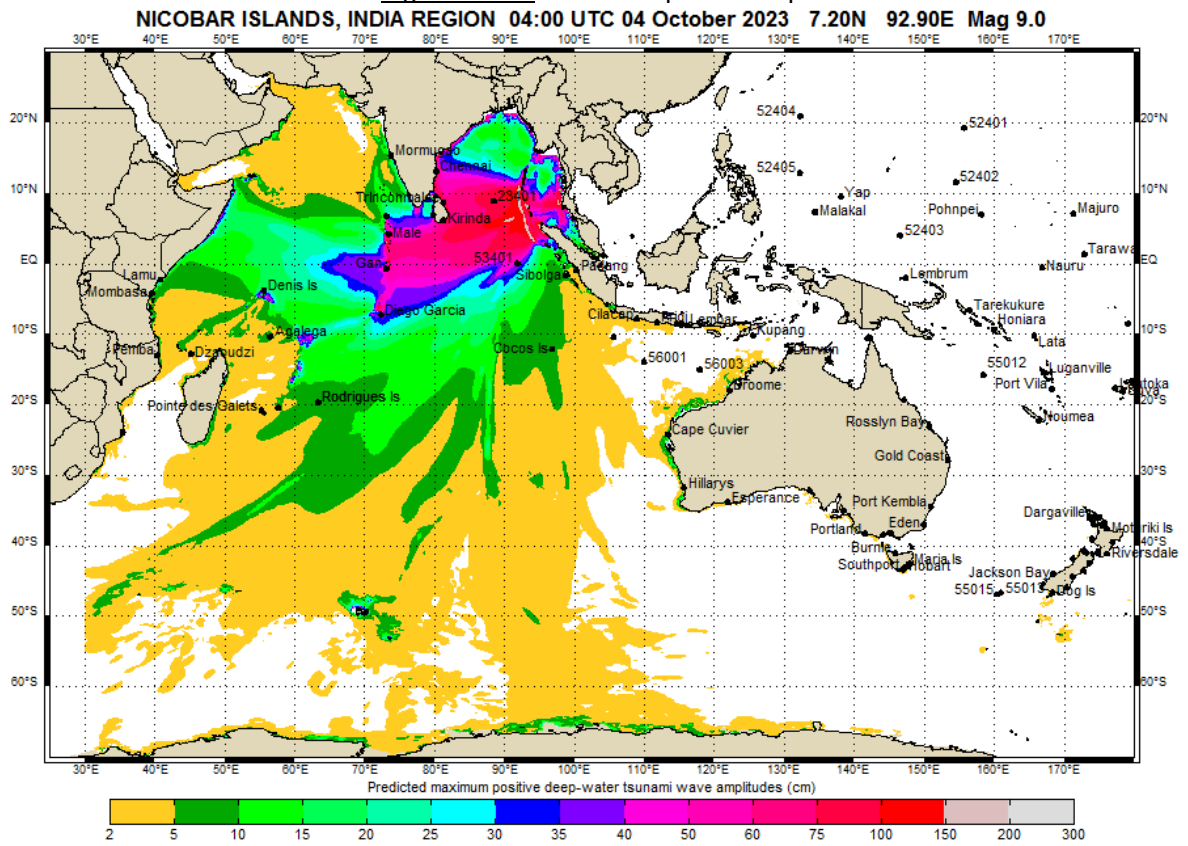


Figure S1-09. Wave Amplitude Map



2. TSP AUSTRALIA BULLETINS

BULLETIN 1

IDY68503

```
#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT  
#  
#####
```

```
-----  
TSUNAMI BULLETIN NUMBER 1 (TYPE-I EARTHQUAKE BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)  
ISSUED AT 0410 UTC Wednesday 04 October 2023  
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... EARTHQUAKE BULLETIN ...

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following preliminary information:

Magnitude: 8.2 Mwp
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

Based on historical data and tsunami modelling, this earthquake may be capable of generating a tsunami affecting the Indian Ocean region. IOTWMS-TSP AUSTRALIA will monitor sea level gauges near the earthquake to determine if a tsunami was generated and will issue further bulletins for this event.

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. OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:
IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>
IOTWMS-TSP INDONESIA: <http://rtsp.bmkg.go.id>

5. CONTACT INFORMATION

IOTWMS-TSP AUSTRALIA
Joint Australian Tsunami Warning Centre (JATWC)

Bureau of Meteorology
GPO BOX 1289 Melbourne, Victoria, Australia, 3001
Website: <http://reg.bom.gov.au/tsunami/rtsp>

END OF BULLETIN

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

BULLETIN 2

IDY68501

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

TSUNAMI BULLETIN NUMBER 2 (TYPE-II THREAT ASSESSMENT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 0412 UTC Wednesday 04 October 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 8.2 Mwp
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

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 TSP 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

KOMATRA & KATCHAL ISLAND	0412Z	04Oct2023	4.44m
INDIRA POINT	0414Z	04Oct2023	5.40m
CAR NICOBAR	0420Z	04Oct2023	1.07m
LITTLE ANDAMAN	0446Z	04Oct2023	0.68m
PORT BLAIR	0510Z	04Oct2023	0.59m
MARAKKANAM	0614Z	04Oct2023	1.12m
CHENNAI	0620Z	04Oct2023	0.58m
MAHABALIPURAM	0620Z	04Oct2023	0.58m
SRIHARIKOTA	0622Z	04Oct2023	0.71m
CUDDALORE	0622Z	04Oct2023	0.52m
PUDUCHERRY	0622Z	04Oct2023	0.50m
MACHILIPATNAM	0628Z	04Oct2023	0.55m

INDONESIA

NAD KOTA-SABANG P.WEH	0434Z	04Oct2023	1.15m
NAD ACEH-BESAR P.BREUEH	0434Z	04Oct2023	1.15m
NAD KOTA-BANDA-ACEH	0436Z	04Oct2023	1.01m
NAD ACEH-BESAR P.PENASI	0438Z	04Oct2023	1.15m
NAD ACEH-BESAR B	0440Z	04Oct2023	0.98m
NAD ACEH-JAYA	0446Z	04Oct2023	0.90m
NAD ACEH-BESAR U	0450Z	04Oct2023	0.62m
NAD SIMEULUE P.SIMEULUE	0512Z	04Oct2023	0.74m
NAD ACEH-BARAT	0512Z	04Oct2023	0.60m
NAD NAGAN-RAYA	0640Z	04Oct2023	0.70m

MALDIVES

KOLHUFUSHI	0710Z	04Oct2023	1.66m
DHIYAMIGILI	0712Z	04Oct2023	1.77m
MALE	0712Z	04Oct2023	0.80m
THINADHOO	0714Z	04Oct2023	0.97m
KULHUDUFFUSHI	0734Z	04Oct2023	1.06m
HITHADHOO	0734Z	04Oct2023	0.76m
NILANDHOO	0750Z	04Oct2023	1.13m
GOIDHOO	0752Z	04Oct2023	0.55m
FERIDHOO	0808Z	04Oct2023	0.62m

SRI LANKA

POTTUVIL	0542Z	04Oct2023	1.36m
BATTICALOA	0542Z	04Oct2023	1.29m
AKKARAIATTU	0542Z	04Oct2023	1.22m
OKANDA	0544Z	04Oct2023	1.70m
KIRINDA	0544Z	04Oct2023	1.43m
KATTANKUDI	0548Z	04Oct2023	1.11m
ANAITIVU	0550Z	04Oct2023	1.10m
PANKULAM	0550Z	04Oct2023	1.09m
HAMBANTOTA	0552Z	04Oct2023	1.82m
MULLAITTIVU	0556Z	04Oct2023	0.90m
TANGALLE	0556Z	04Oct2023	1.16m
MATARA	0558Z	04Oct2023	0.85m
GALLE	0602Z	04Oct2023	0.87m
CHUNDIKKULAM	0604Z	04Oct2023	0.65m
AMBALANGODA	0638Z	04Oct2023	0.68m
CHAVAKACHCHERI	0642Z	04Oct2023	0.54m

THAILAND

THAI MUEANG 0544Z 04Oct2023 0.60m

UNITED KINGDOM

MORESBY ISLAND 0754Z 04Oct2023 1.30m

DIEGO GARCIA 0812Z 04Oct2023 0.52m

NW EGMONT ISLAND 0842Z 04Oct2023 0.58m

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 IOTWMS-TSP AUSTRALIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

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

TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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 IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

BULLETIN 3

IDY68501

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

TSUNAMI BULLETIN NUMBER 3 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 0430 UTC Wednesday 04 October 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 8.9 Mwp (UPDATED)
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

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

Sabang	INDONESIA	5.80N	95.33E	3.67m	04 Oct 04:30
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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

AURORA BANK	1502Z	04Oct2023	0.95m
HEARD ISLAND AND MCDONALD ISLANDS	1512Z	04Oct2023	1.43m
GASCOYNE COAST	1530Z	04Oct2023	0.61m
PILBARA COAST WEST	1632Z	04Oct2023	0.52m
LEEUEWIN COAST	1758Z	04Oct2023	0.52m

BANGLADESH

COXS BAZAR	0646Z	04Oct2023	1.99m
BARGUNA	0658Z	04Oct2023	1.99m
KUTUBDIA ISLAND	0658Z	04Oct2023	1.99m
CHALNA	1100Z	04Oct2023	0.63m

COMOROS

CHEZANI	1228Z	04Oct2023	0.82m
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DJIBOUTI

NW ARTA	1634Z	04Oct2023	0.50m
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FRANCE

ILE SAINT-PAUL-SOUTH	1102Z	04Oct2023	0.74m
ILE DE LA POSSESSION	1338Z	04Oct2023	0.77m
CROZET PLATEAU	1400Z	04Oct2023	0.62m
ILE KERGUELEN	1608Z	04Oct2023	0.74m

INDIA

LITTLE ANDAMAN	0400Z	04Oct2023	9.74m
NORTH SENTINEL ISLAND	0400Z	04Oct2023	3.85m
KOMATRA & KATCHAL ISLAND	0408Z	04Oct2023	10.22m
CAR NICOBAR	0408Z	04Oct2023	7.53m
INDIRA POINT	0410Z	04Oct2023	8.81m
PORT BLAIR	0414Z	04Oct2023	2.41m
WEST & LANDFALL ISLAND	0434Z	04Oct2023	1.89m
FLAT ISLAND	0434Z	04Oct2023	2.24m
HAVELOCK	0436Z	04Oct2023	2.89m
BARREN ISLAND	0448Z	04Oct2023	1.19m
RANGATH BAY	0452Z	04Oct2023	2.09m
DIGLIPUR	0504Z	04Oct2023	2.75m
NARCONDAM ISLAND	0508Z	04Oct2023	1.08m
CHENNAI	0600Z	04Oct2023	3.63m
MAHABALIPURAM	0600Z	04Oct2023	3.63m
MARAKKANAM	0600Z	04Oct2023	5.47m
CUDDALORE	0602Z	04Oct2023	3.87m
KAKINADA	0602Z	04Oct2023	1.77m
PUDUCHERRY	0602Z	04Oct2023	3.45m
SRIHARIKOTA	0602Z	04Oct2023	6.88m
POOMBUHAR	0606Z	04Oct2023	2.97m
MACHILIPATNAM	0606Z	04Oct2023	3.23m
ENNORE	0606Z	04Oct2023	5.34m
PERUPALEM	0608Z	04Oct2023	2.31m
VISAKHAPATNAM	0608Z	04Oct2023	1.57m
PARADIP	0608Z	04Oct2023	1.64m
KALINGAPATNAM	0610Z	04Oct2023	1.71m
KARAIKAL	0610Z	04Oct2023	2.24m
MALLIPATTINAM	0610Z	04Oct2023	1.79m
PURI	0610Z	04Oct2023	2.00m

NAGAPATTINAM	0610Z	04Oct2023	2.55m
KONADA	0612Z	04Oct2023	1.69m
NIJAMPATTANAM	0612Z	04Oct2023	1.90m
KOTTAPATNAM	0616Z	04Oct2023	2.19m
MUTHUPET	0616Z	04Oct2023	1.60m
GOPALPUR	0618Z	04Oct2023	2.33m
JAMBOO	0626Z	04Oct2023	2.13m
TUTICORIN	0644Z	04Oct2023	1.26m
KOODANKULAM	0650Z	04Oct2023	1.60m
RAMESWARAM	0654Z	04Oct2023	1.10m
HEMNAGAR	0656Z	04Oct2023	0.71m
NAMKHANA	0658Z	04Oct2023	1.05m
KOTTTAIPPATTANAM	0658Z	04Oct2023	1.03m
DHAMRA	0700Z	04Oct2023	3.36m
KANYAKUMARI	0704Z	04Oct2023	1.76m
DIGHA	0710Z	04Oct2023	2.32m
TRIVANDRUM	0718Z	04Oct2023	1.09m
CHANDIPUR	0718Z	04Oct2023	2.26m
QUILON	0720Z	04Oct2023	1.03m
MINICOY	0728Z	04Oct2023	1.06m
ALLEPPEY ALAPPUZHA	0736Z	04Oct2023	1.32m
ANDROTH	0740Z	04Oct2023	0.69m
KAVARATTI	0752Z	04Oct2023	0.68m
AMINI	0800Z	04Oct2023	0.69m
AGATTI	0802Z	04Oct2023	0.78m
VAKKAD	0828Z	04Oct2023	0.62m
VADANAPPALLY	0932Z	04Oct2023	0.74m
COCHIN	0940Z	04Oct2023	0.95m
MALVAN BAY	1046Z	04Oct2023	0.54m
MAHE	1050Z	04Oct2023	0.70m
BEYPORE	1052Z	04Oct2023	0.60m
KANNUR	1052Z	04Oct2023	0.77m
KASARAGOD	1054Z	04Oct2023	0.83m
KARWAR	1056Z	04Oct2023	0.81m
MANGALORE	1106Z	04Oct2023	0.71m
UDUPI	1128Z	04Oct2023	0.80m
VASCO	1218Z	04Oct2023	0.60m
PANAJI	1302Z	04Oct2023	0.65m
HAZIRA, DIU	0340Z	05Oct2023	0.57m
INDONESIA			
NAD ACEH-JAYA	0420Z	04Oct2023	10.36m
NAD ACEH-BESAR B	0422Z	04Oct2023	11.69m
NAD SIMEULUE P.SIMEULUE	0424Z	04Oct2023	2.31m
NAD ACEH-BESAR P.BREUEH	0424Z	04Oct2023	13.62m
NAD ACEH-BESAR P.PENASI	0424Z	04Oct2023	12.62m
NAD KOTA-SABANG P.WEH	0426Z	04Oct2023	8.09m
NAD KOTA-BANDA-ACEH	0426Z	04Oct2023	7.70m
NAD ACEH-BARAT	0434Z	04Oct2023	6.34m
SUMUT NIAS B	0440Z	04Oct2023	1.11m
NAD ACEH-BESAR U	0442Z	04Oct2023	5.15m
NAD NAGAN-RAYA	0442Z	04Oct2023	2.79m
NAD ACEH-SINGKIL KEP.BANYAK	0444Z	04Oct2023	1.49m
NAD PIDIE	0446Z	04Oct2023	2.71m
SUMUT NIAS-SELATAN P.NIAS	0448Z	04Oct2023	1.21m
GUNUNGSITOLI	0452Z	04Oct2023	0.77m
NAD ACEH-BARAT-DAYA	0454Z	04Oct2023	1.88m
NAD ACEH-SELATAN U	0458Z	04Oct2023	1.30m
SUMUT NIAS-SELATAN P.TANAHMASA	0500Z	04Oct2023	0.73m
NAD BIREUEN	0500Z	04Oct2023	2.96m
SUMUT NIAS-SELATAN P.TANABALA	0504Z	04Oct2023	0.84m

NAD ACEH-UTARA B	0508Z	04Oct2023	2.96m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0508Z	04Oct2023	0.88m
NAD KOTA-LHOKSEUMAWA	0510Z	04Oct2023	1.93m
NAD ACEH-SELATAN S	0514Z	04Oct2023	1.35m
NAD ACEH-UTARA T	0518Z	04Oct2023	2.13m
NAD ACEH-TIMUR	0544Z	04Oct2023	1.19m
NAD ACEH-SINGKIL	0552Z	04Oct2023	0.56m
NIAS	0604Z	04Oct2023	0.51m
NIAS-EAST	0614Z	04Oct2023	0.69m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0616Z	04Oct2023	0.61m
SUMUT TAPANULI-TENGAH U	0628Z	04Oct2023	0.82m
NAD KOTA-LANGSA	0704Z	04Oct2023	0.85m
SUMUT TAPANULI-SELATAN	0708Z	04Oct2023	0.82m
NAD ACEH-TAMIANG	0728Z	04Oct2023	0.73m
SUMUT LANGKAT	0808Z	04Oct2023	0.75m
BELAWAN	0834Z	04Oct2023	0.73m
SUMUT DELISERDANG	0850Z	04Oct2023	0.60m
JABAR SUKABUMI PELABUHAN-RATU	0902Z	04Oct2023	0.84m
SUMUT TAPANULI-TENGAH S	0912Z	04Oct2023	0.71m
SUMUT TAPANULI-TENGAH KEP.MURSALA	1010Z	04Oct2023	0.63m
SUMUT MANDAILING-NATAL U	1014Z	04Oct2023	0.73m
SUMUT MANDAILING-NATAL S	1036Z	04Oct2023	0.62m
BENGKULU BENGKULU-UTARA S	1058Z	04Oct2023	0.62m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1108Z	04Oct2023	0.61m
SUMUT SERDANG-BEDAGAI	1120Z	04Oct2023	0.60m
SUMUT ASAHAN	1240Z	04Oct2023	0.56m
LAMPUNG TANGGAMUS T	1438Z	04Oct2023	0.57m
BENGKULU SELUMA	1526Z	04Oct2023	0.54m

KENYA

KIWAYU	1214Z	04Oct2023	1.24m
TAKAUNGU	1242Z	04Oct2023	1.33m
MALINDI	1242Z	04Oct2023	1.30m
KISIMACHANDE	1248Z	04Oct2023	1.04m
MVULENI	1300Z	04Oct2023	0.88m
KIPINI	1304Z	04Oct2023	0.93m

MADAGASCAR

AMBAHY	1210Z	04Oct2023	0.75m
FARAFAGANA	1216Z	04Oct2023	1.17m
VOHEMAR	1218Z	04Oct2023	0.77m
MANANTENINA	1220Z	04Oct2023	0.61m
ANOROTSANGANA	1236Z	04Oct2023	0.78m
TAMPOLO	1342Z	04Oct2023	0.76m
SAMPONA	1502Z	04Oct2023	0.79m

MALAYSIA

SATUN	0748Z	04Oct2023	1.10m
YAN	0812Z	04Oct2023	0.54m
WEST OF ALOR SETAR	0828Z	04Oct2023	0.80m
KUALA MUDA	0828Z	04Oct2023	0.80m
SEBERANG PERAI UTARA & BARAT DAYA	0832Z	04Oct2023	0.81m
KERIAN	0844Z	04Oct2023	0.72m
LARUT AND MATANG	0852Z	04Oct2023	0.75m
MANJUNG	1004Z	04Oct2023	0.73m
HILIR PERAK	1032Z	04Oct2023	0.57m
SEBERANG PERAI SELATAN	1100Z	04Oct2023	0.54m
KUALA SELANGOR	1356Z	04Oct2023	0.55m

MALDIVES

KOLHUFUSHI	0704Z	04Oct2023	4.13m
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IOC Technical Series, 181 (I) Supplement 1
page 16

DHIYAMIGILI	0706Z	04Oct2023	4.65m
MALE	0706Z	04Oct2023	4.39m
THINADHOO	0708Z	04Oct2023	4.10m
KULHUDUFFUSHI	0708Z	04Oct2023	2.67m
HITHADHOO	0712Z	04Oct2023	3.17m
GOIDHOO	0722Z	04Oct2023	2.39m
NILANDHOO	0728Z	04Oct2023	6.89m
FERIDHOO	0736Z	04Oct2023	2.25m

MAURITIUS

LA FERME	0946Z	04Oct2023	0.83m
CARGADOS CARAJOS	1020Z	04Oct2023	1.13m
AGALEGA ISLAND	1042Z	04Oct2023	0.52m
GRANDE REVIERE SUD EST-EAST	1106Z	04Oct2023	0.53m
GRANDE REVIERE SUD EST-WEST	1254Z	04Oct2023	0.51m

MOZAMBIQUE

PEMBA	1308Z	04Oct2023	0.50m
MURREBUE	1308Z	04Oct2023	0.60m
MECUFI	1308Z	04Oct2023	0.60m
LURIO	1310Z	04Oct2023	0.64m
NANGATA	1316Z	04Oct2023	0.52m
MAGANJA	1318Z	04Oct2023	0.96m
MINHAUINE	1322Z	04Oct2023	0.55m
MERONVI	1502Z	04Oct2023	0.77m

MYANMAR

LITTLE COCO ISLAND	0458Z	04Oct2023	1.41m
PREPARIS ISLAND	0510Z	04Oct2023	1.42m
GREAT WESTERN TORRES ISLAND	0532Z	04Oct2023	2.31m
KYWEGYAUNG	0542Z	04Oct2023	1.03m
THAN KYUN	0544Z	04Oct2023	3.26m
CHEDUBA ISLAND	0546Z	04Oct2023	1.66m
LORD LOUGHBOROUGH ISLAND	0546Z	04Oct2023	3.23m
MAWYEN	0556Z	04Oct2023	1.82m
SITTWE	0616Z	04Oct2023	1.32m
THAWINCHAUNG	0618Z	04Oct2023	1.08m
KYAUKPYU	0622Z	04Oct2023	1.50m
MALI KYUN	0646Z	04Oct2023	1.41m
PHARPON	0658Z	04Oct2023	2.02m
MAGYIGYAING	0702Z	04Oct2023	1.37m
YE	0716Z	04Oct2023	1.58m
YANGON-S	0802Z	04Oct2023	0.88m

OMAN

AD DUQM	1104Z	04Oct2023	0.53m
HASIK	1214Z	04Oct2023	0.55m
TAQAH	1220Z	04Oct2023	0.96m
MIRBAT	1220Z	04Oct2023	0.67m
SALALAH	1226Z	04Oct2023	0.72m

SEYCHELLES

FREGATE ISLAND	1010Z	04Oct2023	1.20m
COETIVY ISLAND	1016Z	04Oct2023	0.64m
ILE DESROCHES	1044Z	04Oct2023	0.81m
TAKAMAKA	1054Z	04Oct2023	1.32m
ALDABRA	1154Z	04Oct2023	0.56m
FARQUHAR GROUP	1208Z	04Oct2023	0.61m

SOMALIA

BANDER-BEYLA	1104Z	04Oct2023	2.23m
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EYL	1108Z	04Oct2023	2.05m
TOOXIN	1114Z	04Oct2023	1.70m
JARIIBAN	1116Z	04Oct2023	1.93m
GALDOGOB	1116Z	04Oct2023	2.08m
XARARDHEERE	1120Z	04Oct2023	1.86m
MAREEG	1124Z	04Oct2023	1.65m
ITALA	1124Z	04Oct2023	1.64m
CEEL DHEER	1124Z	04Oct2023	1.71m
UARSCIECH	1132Z	04Oct2023	1.64m
MUQDISHO	1136Z	04Oct2023	1.74m
BEYNAX BARRE	1146Z	04Oct2023	1.55m
BARAAWE	1150Z	04Oct2023	1.42m
TURDHO	1158Z	04Oct2023	1.41m
JILIB	1158Z	04Oct2023	1.03m
NE BEERNAASI	1204Z	04Oct2023	1.39m
KAAMBOONI	1212Z	04Oct2023	1.59m
ABO	1218Z	04Oct2023	1.01m

SRI LANKA

POTTUVIL	0538Z	04Oct2023	6.65m
BATTICALOA	0538Z	04Oct2023	7.14m
AKKARAI Pattu	0538Z	04Oct2023	6.57m
KATTANKUDI	0540Z	04Oct2023	6.55m
OKANDA	0540Z	04Oct2023	6.57m
KIRINDA	0540Z	04Oct2023	5.83m
ANAITIVU	0542Z	04Oct2023	7.42m
PANKULAM	0542Z	04Oct2023	5.59m
MULLAITTIVU	0546Z	04Oct2023	4.67m
HAMBANTOTA	0548Z	04Oct2023	6.83m
CHUNDIKKULAM	0552Z	04Oct2023	4.62m
TANGALLE	0552Z	04Oct2023	5.02m
MATARA	0554Z	04Oct2023	4.63m
GALLE	0558Z	04Oct2023	4.63m
CHAVAKACHCHERI	0600Z	04Oct2023	2.42m
AMBALANGODA	0604Z	04Oct2023	2.96m
POINT PEDRO	0606Z	04Oct2023	2.34m
BERUWALA	0612Z	04Oct2023	2.30m
MORATUWA	0620Z	04Oct2023	3.49m
COLOMBO	0620Z	04Oct2023	1.58m
NEGOMBO	0628Z	04Oct2023	2.30m
MUNDAL LAKE	0634Z	04Oct2023	1.37m
MANNAR ISLAND	0644Z	04Oct2023	1.21m
MUSALI	0656Z	04Oct2023	0.92m

TANZANIA

KUTANI	1250Z	04Oct2023	0.86m
VUMBA	1300Z	04Oct2023	0.58m
VUMBI	1302Z	04Oct2023	0.59m
ZANZIBAR	1306Z	04Oct2023	0.63m
GAZIJA	1310Z	04Oct2023	0.50m
WEST TO KONDE	1334Z	04Oct2023	0.65m
MADANGWA	1402Z	04Oct2023	0.59m
JIMBO	1442Z	04Oct2023	0.68m
RUVU	1554Z	04Oct2023	0.57m

THAILAND

THAI MUEANG	0536Z	04Oct2023	5.61m
KO RACHA NOI	0546Z	04Oct2023	3.18m
KOH SURIN TAI	0552Z	04Oct2023	3.62m
KOH LANTA YAI	0626Z	04Oct2023	1.45m
THAI MUEANG_TAKUA PA	0628Z	04Oct2023	5.06m

IOC Technical Series, 181 (I) Supplement 1
page 18

KOH ROK	0644Z	04Oct2023	0.91m
KOH TARUTAO	0644Z	04Oct2023	0.96m
MUEANG SATUN	0644Z	04Oct2023	0.96m

UNITED KINGDOM

MORESBY ISLAND	0730Z	04Oct2023	3.95m
DIEGO GARCIA	0734Z	04Oct2023	2.29m
NW EGMONT ISLAND	0756Z	04Oct2023	1.54m

YEMEN

DAMQAWT	1130Z	04Oct2023	0.97m
SOCOTRA ISLAND SOUTH	1132Z	04Oct2023	2.16m
SOCOTRA ISLAND NORTH	1140Z	04Oct2023	0.89m
SOCOTRA ISLAND WEST	1210Z	04Oct2023	0.54m
AL GHAYDAH AIRPORT	1232Z	04Oct2023	0.65m
KHANFAR	1624Z	04Oct2023	0.83m
ADEN	1630Z	04Oct2023	0.66m

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 IOTWMS-TSP AUSTRALIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/egevents.jsp>
TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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 IOWAVE23 - NOT A REAL TSUNAMI EVENT

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BULLETIN 4

IDY68501

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

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TSUNAMI BULLETIN NUMBER 4 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 0440 UTC Wednesday 04 October 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

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

Sabang	INDONESIA	5.80N	95.33E	3.67m	04 Oct 04:30
UTC					
Port Blair	INDIA	11.70N	92.76E	3.64m	04 Oct 04:39
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

COCOS ISLAND	0618Z	04Oct2023	0.69m
GASCOYNE COAST	1036Z	04Oct2023	0.86m
PILBARA COAST WEST	1242Z	04Oct2023	0.73m
LEEUEWIN COAST	1310Z	04Oct2023	0.73m
AURORA BANK	1418Z	04Oct2023	1.33m
GERALDTON COAST	1502Z	04Oct2023	0.68m
HEARD ISLAND AND MCDONALD ISLANDS	1508Z	04Oct2023	2.01m
PERTH COAST	1744Z	04Oct2023	0.56m
BUNBURY GEOGRAPHE COAST	1754Z	04Oct2023	0.70m
PILBARA COAST EAST	1826Z	04Oct2023	0.60m

BANGLADESH

COXS BAZAR	0640Z	04Oct2023	2.81m
CHALNA	0646Z	04Oct2023	0.89m
KUTUBDIA ISLAND	0652Z	04Oct2023	2.80m
BARGUNA	0652Z	04Oct2023	2.80m

COMOROS

BAMBAO	1220Z	04Oct2023	0.58m
FOMBONI	1226Z	04Oct2023	0.70m
CHEZANI	1226Z	04Oct2023	1.16m

DJIBOUTI

NW ARTA	1356Z	04Oct2023	0.71m
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FRANCE

ILE SAINT-PAUL-NORTH	1048Z	04Oct2023	0.65m
ILE SAINT-PAUL-SOUTH	1100Z	04Oct2023	1.05m
SAINT-DENIS	1104Z	04Oct2023	0.50m
ILE DE LA POSSESSION	1320Z	04Oct2023	1.09m
ILE KERGUELEN	1322Z	04Oct2023	1.04m
CROZET PLATEAU	1330Z	04Oct2023	0.88m

INDIA

LITTLE ANDAMAN	0400Z	04Oct2023	13.72m
NORTH SENTINEL ISLAND	0400Z	04Oct2023	5.42m
KOMATRA & KATCHAL ISLAND	0408Z	04Oct2023	14.39m
CAR NICOBAR	0408Z	04Oct2023	10.60m
INDIRA POINT	0410Z	04Oct2023	12.40m
PORT BLAIR	0414Z	04Oct2023	3.40m
WEST & LANDFALL ISLAND	0432Z	04Oct2023	2.66m
FLAT ISLAND	0432Z	04Oct2023	3.15m
HAVELOCK	0436Z	04Oct2023	4.07m
BARREN ISLAND	0446Z	04Oct2023	1.67m
RANGATH BAY	0450Z	04Oct2023	2.94m
DIGLIPUR	0502Z	04Oct2023	3.87m
NARCONDAM ISLAND	0506Z	04Oct2023	1.52m
MAHABALIPURAM	0600Z	04Oct2023	5.11m
MARAKKANAM	0600Z	04Oct2023	7.70m
KAKINADA	0600Z	04Oct2023	2.49m
CHENNAI	0600Z	04Oct2023	5.11m
PUDUCHERRY	0602Z	04Oct2023	4.86m
SRIHARIKOTA	0602Z	04Oct2023	9.68m
CUDDALORE	0602Z	04Oct2023	5.45m

MACHILIPATNAM	0604Z	04Oct2023	4.55m
ENNORE	0604Z	04Oct2023	7.52m
PARADIP	0606Z	04Oct2023	2.31m
VISAKHAPATNAM	0606Z	04Oct2023	2.21m
POOMBUHAR	0606Z	04Oct2023	4.18m
KALINGAPATNAM	0608Z	04Oct2023	2.41m
NAGAPATTINAM	0608Z	04Oct2023	3.59m
MALLIPATTINAM	0608Z	04Oct2023	2.53m
PERUPALEM	0608Z	04Oct2023	3.26m
KARAIKAL	0608Z	04Oct2023	3.15m
PURI	0608Z	04Oct2023	2.82m
KONADA	0610Z	04Oct2023	2.38m
NIJAMPATTANAM	0610Z	04Oct2023	2.68m
KOTTAPATNAM	0614Z	04Oct2023	3.09m
MUTHUPET	0614Z	04Oct2023	2.26m
GOPALPUR	0618Z	04Oct2023	3.28m
JAMBOO	0624Z	04Oct2023	3.00m
TUTICORIN	0642Z	04Oct2023	1.77m
KOODANKULAM	0650Z	04Oct2023	2.26m
HEMNAGAR	0650Z	04Oct2023	1.01m
RAMESWARAM	0652Z	04Oct2023	1.56m
DHAMRA	0656Z	04Oct2023	4.73m
NAMKHANA	0656Z	04Oct2023	1.48m
KOTTTAIPPATTANAM	0656Z	04Oct2023	1.45m
KANYAKUMARI	0702Z	04Oct2023	2.48m
DIGHA	0704Z	04Oct2023	3.26m
CHANDIPUR	0710Z	04Oct2023	3.18m
TRIVANDRUM	0716Z	04Oct2023	1.53m
QUILON	0718Z	04Oct2023	1.45m
MINICOY	0728Z	04Oct2023	1.49m
ALLEPPEY ALAPPUZHA	0732Z	04Oct2023	1.86m
ANDROTH	0738Z	04Oct2023	0.97m
KAVARATTI	0750Z	04Oct2023	0.95m
AMINI	0758Z	04Oct2023	0.97m
COCHIN	0800Z	04Oct2023	1.33m
VADANAPPALLY	0800Z	04Oct2023	1.04m
AGATTI	0802Z	04Oct2023	1.10m
VAKKAD	0810Z	04Oct2023	0.87m
BEYPORE	0822Z	04Oct2023	0.84m
KANNUR	0832Z	04Oct2023	1.08m
MAHE	0838Z	04Oct2023	0.99m
KASARAGOD	0840Z	04Oct2023	1.17m
MALVAN BAY	1028Z	04Oct2023	0.77m
VASCO	1034Z	04Oct2023	0.85m
PANAJI	1048Z	04Oct2023	0.91m
KARWAR	1052Z	04Oct2023	1.14m
MANGALORE	1102Z	04Oct2023	1.01m
UDUPI	1118Z	04Oct2023	1.13m
JAIGARH	1138Z	04Oct2023	0.66m
DWARKA	1636Z	04Oct2023	0.55m
ALIBAG PORT	2026Z	04Oct2023	0.63m
MUMBAI	2026Z	04Oct2023	0.63m
JAMNAGAR	2032Z	04Oct2023	0.55m
HAZIRA, DIU	0334Z	05Oct2023	0.80m
INDONESIA			
NAD ACEH-JAYA	0420Z	04Oct2023	14.60m
NAD ACEH-BESAR B	0422Z	04Oct2023	16.46m
NAD SIMEULUE P.SIMEULUE	0422Z	04Oct2023	3.25m
NAD ACEH-BESAR P.PENASI	0424Z	04Oct2023	17.78m
NAD ACEH-BESAR P.BREUEH	0424Z	04Oct2023	19.18m

NAD KOTA-SABANG P.WEH	0426Z	04Oct2023	11.39m
NAD KOTA-BANDA-ACEH	0426Z	04Oct2023	10.84m
NAD ACEH-BARAT	0432Z	04Oct2023	8.93m
SUMUT NIAS B	0438Z	04Oct2023	1.57m
NAD ACEH-BESAR U	0442Z	04Oct2023	7.26m
NAD NAGAN-RAYA	0442Z	04Oct2023	3.92m
NAD ACEH-SINGKIL KEP.BANYAK	0442Z	04Oct2023	2.10m
NAD PIDIE	0446Z	04Oct2023	3.82m
GUNUNGSITOLI	0448Z	04Oct2023	1.08m
SUMUT NIAS-SELATAN P.NIAS	0448Z	04Oct2023	1.71m
NAD ACEH-BARAT-DAYA	0452Z	04Oct2023	2.65m
SUMUT NIAS-SELATAN P.TANAHMASA	0458Z	04Oct2023	1.03m
NAD ACEH-SELATAN U	0458Z	04Oct2023	1.83m
NAD BIREUEN	0500Z	04Oct2023	4.16m
SUMUT NIAS-SELATAN P.TANABALA	0502Z	04Oct2023	1.19m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0506Z	04Oct2023	1.24m
NAD KOTA-LHOKSEUMAWA	0508Z	04Oct2023	2.72m
NAD ACEH-UTARA B	0508Z	04Oct2023	4.16m
NAD ACEH-SELATAN S	0510Z	04Oct2023	1.91m
NIAS	0516Z	04Oct2023	0.71m
NAD ACEH-UTARA T	0518Z	04Oct2023	3.00m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0520Z	04Oct2023	0.70m
MUARASIBERUT	0522Z	04Oct2023	0.57m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0524Z	04Oct2023	0.86m
NAD ACEH-TIMUR	0542Z	04Oct2023	1.68m
NAD ACEH-SINGKIL	0550Z	04Oct2023	0.78m
SUMUT TAPANULI-SELATAN	0602Z	04Oct2023	1.16m
SUMUT TAPANULI-TENGAH U	0602Z	04Oct2023	1.15m
NIAS-EAST	0612Z	04Oct2023	0.97m
SUMUT MANDAILING-NATAL U	0628Z	04Oct2023	1.03m
BENGKULU BENGKULU-UTARA S	0630Z	04Oct2023	0.87m
SOUTH OF BODAHAYIONE	0630Z	04Oct2023	0.67m
SUMUT TAPANULI-TENGAH S	0640Z	04Oct2023	1.00m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0650Z	04Oct2023	0.89m
NAD KOTA-LANGSA	0702Z	04Oct2023	1.20m
NAD ACEH-TAMIANG	0726Z	04Oct2023	1.03m
JABAR SUKABUMI PELABUHAN-RATU	0758Z	04Oct2023	1.19m
SUMUT LANGKAT	0802Z	04Oct2023	1.06m
BELAWAN	0828Z	04Oct2023	1.03m
SUMUT DELISERDANG	0840Z	04Oct2023	0.84m
SUMUT SERDANG-BEDAGAI	0858Z	04Oct2023	0.84m
BENGKULU SELUMA	0908Z	04Oct2023	0.76m
NIAS-NORTH	0946Z	04Oct2023	0.69m
BENGKULU BENGKULU-UTARA P.ENGGANO	1022Z	04Oct2023	0.58m
SUMUT MANDAILING-NATAL S	1030Z	04Oct2023	0.87m
SUMBAR KOTA-PADANG U	1032Z	04Oct2023	0.65m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1042Z	04Oct2023	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	1056Z	04Oct2023	0.56m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1058Z	04Oct2023	0.53m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1058Z	04Oct2023	0.86m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1100Z	04Oct2023	0.60m
BENGKULU BENGKULU-UTARA U	1104Z	04Oct2023	0.52m
LABUHAN BATU	1128Z	04Oct2023	0.62m
BANTEN SERANG B	1142Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1142Z	04Oct2023	0.51m
BANTEN KOTA-CILEGON P.SANGIANG	1142Z	04Oct2023	0.51m
LAMPUNG TANGGAMUS T	1142Z	04Oct2023	0.81m
SUMUT ASAHAN	1230Z	04Oct2023	0.79m
BANTEN LEBAK	1358Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1406Z	04Oct2023	0.53m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1406Z	04Oct2023	0.53m

LAMPUNG LAMPUNG-SELATAN B	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1414Z	04Oct2023	0.57m
LAMPUNG TANGGAMUS B	1430Z	04Oct2023	0.50m
SUMBAR AGAM	1456Z	04Oct2023	0.52m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1506Z	04Oct2023	0.52m
DUMAI	1628Z	04Oct2023	0.52m
BANTEN PANDEGLANG U	1808Z	04Oct2023	0.54m
JATENG CILACAP	1834Z	04Oct2023	0.52m

KENYA

KIWAYU	1212Z	04Oct2023	1.74m
KIPINI	1236Z	04Oct2023	1.31m
MVULENI	1236Z	04Oct2023	1.24m
MALINDI	1238Z	04Oct2023	1.84m
TAKAUNGU	1240Z	04Oct2023	1.87m
KISIMACHANDE	1244Z	04Oct2023	1.47m

MADAGASCAR

VOHEMAR	1130Z	04Oct2023	1.08m
ANOROTSANGANA	1132Z	04Oct2023	1.10m
AMBAHY	1202Z	04Oct2023	1.05m
TOAMASINA AIRPORT	1204Z	04Oct2023	0.55m
FARAFAGANA	1212Z	04Oct2023	1.64m
MANANTENINA	1214Z	04Oct2023	0.86m
TAMPOLO	1300Z	04Oct2023	1.07m
SAMPONA	1412Z	04Oct2023	1.11m
BALY	1426Z	04Oct2023	0.63m

MALAYSIA

SATUN	0744Z	04Oct2023	1.55m
YAN	0754Z	04Oct2023	0.76m
SEBERANG PERAI SELATAN	0818Z	04Oct2023	0.76m
WEST OF ALOR SETAR	0822Z	04Oct2023	1.13m
KUALA MUDA	0822Z	04Oct2023	1.13m
SEBERANG PERAI UTARA & BARAT DAYA	0828Z	04Oct2023	1.13m
KERIAN	0842Z	04Oct2023	1.02m
LARUT AND MATANG	0848Z	04Oct2023	1.05m
MANJUNG	0912Z	04Oct2023	1.02m
HILIR PERAK	1030Z	04Oct2023	0.81m
SABAK BERNAM	1110Z	04Oct2023	0.68m
KUALA SELANGOR	1136Z	04Oct2023	0.77m

MALDIVES

KOLHUFUSHI	0704Z	04Oct2023	5.82m
MALE	0704Z	04Oct2023	6.18m
DHIYAMIGILI	0706Z	04Oct2023	6.55m
THINADHOO	0706Z	04Oct2023	5.78m
KULHUDUFFUSHI	0706Z	04Oct2023	3.76m
HITHADHOO	0710Z	04Oct2023	4.46m
GOIDHOO	0720Z	04Oct2023	3.36m
NILANDHOO	0726Z	04Oct2023	9.71m
FERIDHOO	0734Z	04Oct2023	3.17m

MAURITIUS

LA FERME	0944Z	04Oct2023	1.17m
CARGADOS CARAJOS	1016Z	04Oct2023	1.60m
GRANDE REVIERE SUD EST-EAST	1032Z	04Oct2023	0.74m
AGALEGA ISLAND	1040Z	04Oct2023	0.74m
GRANDE REVIERE SUD EST-WEST	1052Z	04Oct2023	0.72m

MOZAMBIQUE

IOC Technical Series, 181 (I) Supplement 1
page 24

MAGANJA	1248Z	04Oct2023	1.35m
MERONVI	1256Z	04Oct2023	1.09m
QUITERAJO	1258Z	04Oct2023	0.70m
TAVARI	1302Z	04Oct2023	0.69m
PEMBA	1304Z	04Oct2023	0.71m
MURREBUE	1304Z	04Oct2023	0.84m
MECUFI	1306Z	04Oct2023	0.85m
LURIO	1308Z	04Oct2023	0.91m
NANGATA	1312Z	04Oct2023	0.73m
MINHAUINE	1314Z	04Oct2023	0.77m
LUMBO	1314Z	04Oct2023	0.52m
XAI-XAI	1552Z	04Oct2023	0.52m

MYANMAR

LITTLE COCO ISLAND	0456Z	04Oct2023	1.98m
PREPARIS ISLAND	0508Z	04Oct2023	2.00m
GREAT WESTERN TORRES ISLAND	0532Z	04Oct2023	3.25m
KYWEGYAUNG	0534Z	04Oct2023	1.45m
CHEDUBA ISLAND	0542Z	04Oct2023	2.34m
THAN KYUN	0542Z	04Oct2023	4.59m
LORD LOUGHBOROUGH ISLAND	0544Z	04Oct2023	4.55m
MAWYEN	0546Z	04Oct2023	2.56m
MAGYIGYAING	0552Z	04Oct2023	1.93m
SITTWE	0612Z	04Oct2023	1.86m
THAWINCHAUNG	0614Z	04Oct2023	1.53m
KYAUKPYU	0616Z	04Oct2023	2.11m
MALI KYUN	0644Z	04Oct2023	1.98m
PHARPON	0656Z	04Oct2023	2.85m
YE	0712Z	04Oct2023	2.23m
YANGON-S	0720Z	04Oct2023	1.23m

OMAN

HASIK	1056Z	04Oct2023	0.77m
AL JAZER	1100Z	04Oct2023	0.60m
AD DUQM	1102Z	04Oct2023	0.74m
TAQAH	1112Z	04Oct2023	1.35m
MIRBAT	1112Z	04Oct2023	0.94m
RAS AR RUWAYS	1112Z	04Oct2023	0.55m
AL ASHKHARAH	1114Z	04Oct2023	0.52m
SALALAH	1120Z	04Oct2023	1.02m
MASIRAH	1148Z	04Oct2023	0.65m

PAKISTAN

ORMARA	1140Z	04Oct2023	0.52m
SINDH	1542Z	04Oct2023	0.56m
KARACHI	1806Z	04Oct2023	0.52m

SEYCHELLES

FREGATE ISLAND	1008Z	04Oct2023	1.69m
COETIVY ISLAND	1014Z	04Oct2023	0.90m
TAKAMAKA	1028Z	04Oct2023	1.86m
ILE DESROCHES	1040Z	04Oct2023	1.14m
ALPHONSE ISLAND	1054Z	04Oct2023	0.54m
ASTOVE ISLAND	1142Z	04Oct2023	0.65m
ALDABRA	1150Z	04Oct2023	0.79m
FARQUHAR GROUP	1208Z	04Oct2023	0.86m

SOMALIA

BANDER-BEYLA	1102Z	04Oct2023	3.15m
EYL	1108Z	04Oct2023	2.89m
TOOXIN	1110Z	04Oct2023	2.39m

JARIIBAN	1114Z	04Oct2023	2.71m
GALDOGOB	1114Z	04Oct2023	2.93m
XARARDHEERE	1120Z	04Oct2023	2.62m
ITALA	1122Z	04Oct2023	2.31m
CEEL DHEER	1122Z	04Oct2023	2.41m
MAREEG	1124Z	04Oct2023	2.32m
ABO	1126Z	04Oct2023	1.42m
UARSIECH	1130Z	04Oct2023	2.31m
MUQDISHO	1134Z	04Oct2023	2.44m
BEYNAX BARRE	1144Z	04Oct2023	2.18m
BARAAWE	1148Z	04Oct2023	2.00m
TURDHO	1156Z	04Oct2023	1.99m
JILIB	1156Z	04Oct2023	1.45m
NE BEERNAASI	1202Z	04Oct2023	1.96m
KAAMBOONI	1210Z	04Oct2023	2.25m

SOUTH AFRICA

FUNK SEAMOUNT	1548Z	04Oct2023	0.65m
MARGATE	2040Z	04Oct2023	0.56m

SRI LANKA

POTTUVIL	0536Z	04Oct2023	9.36m
BATTICALOA	0536Z	04Oct2023	10.06m
AKKARAIATTU	0536Z	04Oct2023	9.26m
KATTANKUDI	0540Z	04Oct2023	9.22m
OKANDA	0540Z	04Oct2023	9.25m
KIRINDA	0540Z	04Oct2023	8.21m
ANAITIVU	0542Z	04Oct2023	10.44m
PANKULAM	0542Z	04Oct2023	7.87m
HAMBANTOTA	0546Z	04Oct2023	9.61m
MULLAITTIVU	0546Z	04Oct2023	6.58m
TANGALLE	0550Z	04Oct2023	7.07m
CHUNDIKKULAM	0552Z	04Oct2023	6.51m
MATARA	0554Z	04Oct2023	6.53m
GALLE	0558Z	04Oct2023	6.53m
CHAVAKACHCHERI	0600Z	04Oct2023	3.41m
AMBALANGODA	0602Z	04Oct2023	4.17m
POINT PEDRO	0606Z	04Oct2023	3.30m
BERUWALA	0612Z	04Oct2023	3.24m
COLOMBO	0618Z	04Oct2023	2.22m
MORATUWA	0620Z	04Oct2023	4.92m
NEGOMBO	0628Z	04Oct2023	3.24m
MUNDAL LAKE	0632Z	04Oct2023	1.92m
MANNAR ISLAND	0642Z	04Oct2023	1.70m
MUSALI	0654Z	04Oct2023	1.29m

TANZANIA

VUMBA	1234Z	04Oct2023	0.82m
VUMBI	1238Z	04Oct2023	0.83m
ZANZIBAR	1240Z	04Oct2023	0.88m
GAZIJA	1244Z	04Oct2023	0.71m
JIMBO	1244Z	04Oct2023	0.96m
KUTANI	1248Z	04Oct2023	1.22m
RUVU	1250Z	04Oct2023	0.80m
MADANGWA	1254Z	04Oct2023	0.83m
WEST TO KONDE	1256Z	04Oct2023	0.91m
MSASANI	1302Z	04Oct2023	0.65m
BOMALANDNI	1318Z	04Oct2023	0.55m
BAGAMOYO	1328Z	04Oct2023	0.58m

THAILAND

THAI MUEANG	0534Z	04Oct2023	7.90m
KO RACHA NOI	0546Z	04Oct2023	4.47m
KOH SURIN TAI	0552Z	04Oct2023	5.09m
KOH LANTA YAI	0622Z	04Oct2023	2.04m
THAI MUEANG_TAKUA PA	0628Z	04Oct2023	7.13m
KOH ROK	0634Z	04Oct2023	1.28m
KOH TARUTAO	0642Z	04Oct2023	1.36m
MUEANG SATUN	0642Z	04Oct2023	1.36m

UNITED KINGDOM

MORESBY ISLAND	0730Z	04Oct2023	5.56m
DIEGO GARCIA	0732Z	04Oct2023	3.23m
NW EGMONT ISLAND	0754Z	04Oct2023	2.17m

YEMEN

SOCOTRA ISLAND SOUTH	1044Z	04Oct2023	3.05m
SOCOTRA ISLAND NORTH	1100Z	04Oct2023	1.26m
SOCOTRA ISLAND WEST	1116Z	04Oct2023	0.76m
DAMQAWT	1128Z	04Oct2023	1.37m
AL GHAYDAH AIRPORT	1130Z	04Oct2023	0.91m
ALQUMRAH	1258Z	04Oct2023	0.51m
HUSWAYN	1300Z	04Oct2023	0.59m
HARRAH	1310Z	04Oct2023	0.54m
MASILAH WADI	1310Z	04Oct2023	0.64m
EAST TO HAMI	1310Z	04Oct2023	0.59m
HAMI	1310Z	04Oct2023	0.52m
KHANFAR	1524Z	04Oct2023	1.17m
ADEN	1528Z	04Oct2023	0.93m
RUDUM	1558Z	04Oct2023	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 IOTWMS-TSP AUSTRALIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

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

TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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 IOWAVE23 - NOT A REAL TSUNAMI EVENT

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BULLETIN 5

IDY68501

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

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TSUNAMI BULLETIN NUMBER 5 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 0540 UTC Wednesday 04 October 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

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

Sabang UTC	INDONESIA	5.80N	95.33E	3.67m	04 Oct 04:30
Port Blair UTC	INDIA	11.70N	92.76E	3.64m	04 Oct 04:39
Deep Ocean Buoy 23227 UTC	BAY OF BENGA	6.26N	88.79E	2.62m	04 Oct 04:41
Telukdalam UTC	INDONESIA	0.50N	97.83E	2.01m	04 Oct 05:08
Nancowry UTC	INDIA	8.10N	93.55E	8.47m	04 Oct 05:08
Meulaboh UTC	INDONESIA	4.17N	96.00E	9.11m	04 Oct 05:14
Deep Ocean Buoy 23218 UTC	BAY OF BENGA	10.00N	88.50E	0.49m	04 Oct 05:16

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	0618Z	04Oct2023	0.69m
GASCOYNE COAST	1036Z	04Oct2023	0.86m
PILBARA COAST WEST	1242Z	04Oct2023	0.73m
LEEUEWIN COAST	1310Z	04Oct2023	0.73m
AURORA BANK	1418Z	04Oct2023	1.33m
GERALDTON COAST	1502Z	04Oct2023	0.68m
HEARD ISLAND AND MCDONALD ISLANDS	1508Z	04Oct2023	2.01m
PERTH COAST	1744Z	04Oct2023	0.56m
BUNBURY GEOGRAPHE COAST	1754Z	04Oct2023	0.70m
PILBARA COAST EAST	1826Z	04Oct2023	0.60m

BANGLADESH

COXS BAZAR	0640Z	04Oct2023	2.81m
CHALNA	0646Z	04Oct2023	0.89m
KUTUBDIA ISLAND	0652Z	04Oct2023	2.80m
BARGUNA	0652Z	04Oct2023	2.80m

COMOROS

BAMBAO	1220Z	04Oct2023	0.58m
FOMBONI	1226Z	04Oct2023	0.70m
CHEZANI	1226Z	04Oct2023	1.16m

DJIBOUTI

NW ARTA	1356Z	04Oct2023	0.71m
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FRANCE

ILE SAINT-PAUL-NORTH	1048Z	04Oct2023	0.65m
ILE SAINT-PAUL-SOUTH	1100Z	04Oct2023	1.05m
SAINT-DENIS	1104Z	04Oct2023	0.50m
ILE DE LA POSSESSION	1320Z	04Oct2023	1.09m
ILE KERGUELEN	1322Z	04Oct2023	1.04m
CROZET PLATEAU	1330Z	04Oct2023	0.88m

INDIA

LITTLE ANDAMAN	0400Z	04Oct2023	13.72m
NORTH SENTINEL ISLAND	0400Z	04Oct2023	5.42m
KOMATRA & KATCHAL ISLAND	0408Z	04Oct2023	14.39m
CAR NICOBAR	0408Z	04Oct2023	10.60m
INDIRA POINT	0410Z	04Oct2023	12.40m
PORT BLAIR	0414Z	04Oct2023	3.40m
WEST & LANDFALL ISLAND	0432Z	04Oct2023	2.66m
FLAT ISLAND	0432Z	04Oct2023	3.15m
HAVELOCK	0436Z	04Oct2023	4.07m
BARREN ISLAND	0446Z	04Oct2023	1.67m

RANGATH BAY	0450Z	04Oct2023	2.94m
DIGLIPUR	0502Z	04Oct2023	3.87m
NARCONDAM ISLAND	0506Z	04Oct2023	1.52m
MAHABALIPURAM	0600Z	04Oct2023	5.11m
MARAKKANAM	0600Z	04Oct2023	7.70m
KAKINADA	0600Z	04Oct2023	2.49m
CHENNAI	0600Z	04Oct2023	5.11m
PUDUCHERRY	0602Z	04Oct2023	4.86m
SRIHARIKOTA	0602Z	04Oct2023	9.68m
CUDDALORE	0602Z	04Oct2023	5.45m
MACHILIPATNAM	0604Z	04Oct2023	4.55m
ENNORE	0604Z	04Oct2023	7.52m
PARADIP	0606Z	04Oct2023	2.31m
VISAKHAPATNAM	0606Z	04Oct2023	2.21m
POOMBUHAR	0606Z	04Oct2023	4.18m
KALINGAPATNAM	0608Z	04Oct2023	2.41m
NAGAPATTINAM	0608Z	04Oct2023	3.59m
MALLIPATTINAM	0608Z	04Oct2023	2.53m
PERUPALEM	0608Z	04Oct2023	3.26m
KARAIKAL	0608Z	04Oct2023	3.15m
PURI	0608Z	04Oct2023	2.82m
KONADA	0610Z	04Oct2023	2.38m
NIJAMPATTANAM	0610Z	04Oct2023	2.68m
KOTTAPATNAM	0614Z	04Oct2023	3.09m
MUTHUPET	0614Z	04Oct2023	2.26m
GOPALPUR	0618Z	04Oct2023	3.28m
JAMBOO	0624Z	04Oct2023	3.00m
TUTICORIN	0642Z	04Oct2023	1.77m
KOODANKULAM	0650Z	04Oct2023	2.26m
HEMNAGAR	0650Z	04Oct2023	1.01m
RAMESWARAM	0652Z	04Oct2023	1.56m
DHAMRA	0656Z	04Oct2023	4.73m
NAMKHANA	0656Z	04Oct2023	1.48m
KOTTTAIPPATTANAM	0656Z	04Oct2023	1.45m
KANYAKUMARI	0702Z	04Oct2023	2.48m
DIGHA	0704Z	04Oct2023	3.26m
CHANDIPUR	0710Z	04Oct2023	3.18m
TRIVANDRUM	0716Z	04Oct2023	1.53m
QUILON	0718Z	04Oct2023	1.45m
MINICOY	0728Z	04Oct2023	1.49m
ALLEPPEY ALAPPUZHA	0732Z	04Oct2023	1.86m
ANDROTH	0738Z	04Oct2023	0.97m
KAVARATTI	0750Z	04Oct2023	0.95m
AMINI	0758Z	04Oct2023	0.97m
COCHIN	0800Z	04Oct2023	1.33m
VADANAPPALLY	0800Z	04Oct2023	1.04m
AGATTI	0802Z	04Oct2023	1.10m
VAKKAD	0810Z	04Oct2023	0.87m
BEYPORE	0822Z	04Oct2023	0.84m
KANNUR	0832Z	04Oct2023	1.08m
MAHE	0838Z	04Oct2023	0.99m
KASARAGOD	0840Z	04Oct2023	1.17m
MALVAN BAY	1028Z	04Oct2023	0.77m
VASCO	1034Z	04Oct2023	0.85m
PANAJI	1048Z	04Oct2023	0.91m
KARWAR	1052Z	04Oct2023	1.14m
MANGALORE	1102Z	04Oct2023	1.01m
UDUPI	1118Z	04Oct2023	1.13m
JAIGARH	1138Z	04Oct2023	0.66m
DWARKA	1636Z	04Oct2023	0.55m
ALIBAG PORT	2026Z	04Oct2023	0.63m

IOC Technical Series, 181 (I) Supplement 1
page 30

MUMBAI	2026Z	04Oct2023	0.63m
JAMNAGAR	2032Z	04Oct2023	0.55m
HAZIRA, DIU	0334Z	05Oct2023	0.80m
INDONESIA			
NAD ACEH-JAYA	0420Z	04Oct2023	14.60m
NAD ACEH-BESAR B	0422Z	04Oct2023	16.46m
NAD SIMEULUE P.SIMEULUE	0422Z	04Oct2023	3.25m
NAD ACEH-BESAR P.PENASI	0424Z	04Oct2023	17.78m
NAD ACEH-BESAR P.BREUEH	0424Z	04Oct2023	19.18m
NAD KOTA-SABANG P.WEH	0426Z	04Oct2023	11.39m
NAD KOTA-BANDA-ACEH	0426Z	04Oct2023	10.84m
NAD ACEH-BARAT	0432Z	04Oct2023	8.93m
SUMUT NIAS B	0438Z	04Oct2023	1.57m
NAD ACEH-BESAR U	0442Z	04Oct2023	7.26m
NAD NAGAN-RAYA	0442Z	04Oct2023	3.92m
NAD ACEH-SINGKIL KEP.BANYAK	0442Z	04Oct2023	2.10m
NAD PIDIE	0446Z	04Oct2023	3.82m
GUNUNGSITOLI	0448Z	04Oct2023	1.08m
SUMUT NIAS-SELATAN P.NIAS	0448Z	04Oct2023	1.71m
NAD ACEH-BARAT-DAYA	0452Z	04Oct2023	2.65m
SUMUT NIAS-SELATAN P.TANAHMASA	0458Z	04Oct2023	1.03m
NAD ACEH-SELATAN U	0458Z	04Oct2023	1.83m
NAD BIREUEN	0500Z	04Oct2023	4.16m
SUMUT NIAS-SELATAN P.TANABALA	0502Z	04Oct2023	1.19m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0506Z	04Oct2023	1.24m
NAD KOTA-LHOKSEUMAWA	0508Z	04Oct2023	2.72m
NAD ACEH-UTARA B	0508Z	04Oct2023	4.16m
NAD ACEH-SELATAN S	0510Z	04Oct2023	1.91m
NIAS	0516Z	04Oct2023	0.71m
NAD ACEH-UTARA T	0518Z	04Oct2023	3.00m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0520Z	04Oct2023	0.70m
MUARASIBERUT	0522Z	04Oct2023	0.57m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0524Z	04Oct2023	0.86m
NAD ACEH-TIMUR	0542Z	04Oct2023	1.68m
NAD ACEH-SINGKIL	0550Z	04Oct2023	0.78m
SUMUT TAPANULI-SELATAN	0602Z	04Oct2023	1.16m
SUMUT TAPANULI-TENGAH U	0602Z	04Oct2023	1.15m
NIAS-EAST	0612Z	04Oct2023	0.97m
SUMUT MANDAILING-NATAL U	0628Z	04Oct2023	1.03m
BENGKULU BENGKULU-UTARA S	0630Z	04Oct2023	0.87m
SOUTH OF BODAHAYIONE	0630Z	04Oct2023	0.67m
SUMUT TAPANULI-TENGAH S	0640Z	04Oct2023	1.00m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0650Z	04Oct2023	0.89m
NAD KOTA-LANGSA	0702Z	04Oct2023	1.20m
NAD ACEH-TAMIANG	0726Z	04Oct2023	1.03m
JABAR SUKABUMI PELABUHAN-RATU	0758Z	04Oct2023	1.19m
SUMUT LANGKAT	0802Z	04Oct2023	1.06m
BELAWAN	0828Z	04Oct2023	1.03m
SUMUT DELISERDANG	0840Z	04Oct2023	0.84m
SUMUT SERDANG-BEDAGAI	0858Z	04Oct2023	0.84m
BENGKULU SELUMA	0908Z	04Oct2023	0.76m
NIAS-NORTH	0946Z	04Oct2023	0.69m
BENGKULU BENGKULU-UTARA P.ENGGANO	1022Z	04Oct2023	0.58m
SUMUT MANDAILING-NATAL S	1030Z	04Oct2023	0.87m
SUMBAR KOTA-PADANG U	1032Z	04Oct2023	0.65m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1042Z	04Oct2023	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	1056Z	04Oct2023	0.56m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1058Z	04Oct2023	0.53m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1058Z	04Oct2023	0.86m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1100Z	04Oct2023	0.60m

BENGKULU BENGKULU-UTARA U	1104Z	04Oct2023	0.52m
LABUHAN BATU	1128Z	04Oct2023	0.62m
BANTEN SERANG B	1142Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1142Z	04Oct2023	0.51m
BANTEN KOTA-CILEGON P.SANGIANG	1142Z	04Oct2023	0.51m
LAMPUNG TANGGAMUS T	1142Z	04Oct2023	0.81m
SUMUT ASAHAN	1230Z	04Oct2023	0.79m
BANTEN LEBAK	1358Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1406Z	04Oct2023	0.53m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN B	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1414Z	04Oct2023	0.57m
LAMPUNG TANGGAMUS B	1430Z	04Oct2023	0.50m
SUMBAR AGAM	1456Z	04Oct2023	0.52m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1506Z	04Oct2023	0.52m
DUMAI	1628Z	04Oct2023	0.52m
BANTEN PANDEGLANG U	1808Z	04Oct2023	0.54m
JATENG CILACAP	1834Z	04Oct2023	0.52m

KENYA

KIWAYU	1212Z	04Oct2023	1.74m
KIPINI	1236Z	04Oct2023	1.31m
MVULENI	1236Z	04Oct2023	1.24m
MALINDI	1238Z	04Oct2023	1.84m
TAKAUNGU	1240Z	04Oct2023	1.87m
KISIMACHANDE	1244Z	04Oct2023	1.47m

MADAGASCAR

VOHEMAR	1130Z	04Oct2023	1.08m
ANOROTSANGANA	1132Z	04Oct2023	1.10m
AMBAHY	1202Z	04Oct2023	1.05m
TOAMASINA AIRPORT	1204Z	04Oct2023	0.55m
FARAFAGANA	1212Z	04Oct2023	1.64m
MANANTENINA	1214Z	04Oct2023	0.86m
TAMPOLO	1300Z	04Oct2023	1.07m
SAMPONA	1412Z	04Oct2023	1.11m
BALY	1426Z	04Oct2023	0.63m

MALAYSIA

SATUN	0744Z	04Oct2023	1.55m
YAN	0754Z	04Oct2023	0.76m
SEBERANG PERAI SELATAN	0818Z	04Oct2023	0.76m
WEST OF ALOR SETAR	0822Z	04Oct2023	1.13m
KUALA MUDA	0822Z	04Oct2023	1.13m
SEBERANG PERAI UTARA & BARAT DAYA	0828Z	04Oct2023	1.13m
KERIAN	0842Z	04Oct2023	1.02m
LARUT AND MATANG	0848Z	04Oct2023	1.05m
MANJUNG	0912Z	04Oct2023	1.02m
HILIR PERAK	1030Z	04Oct2023	0.81m
SABAK BERNAM	1110Z	04Oct2023	0.68m
KUALA SELANGOR	1136Z	04Oct2023	0.77m

MALDIVES

KOLHUFUSHI	0704Z	04Oct2023	5.82m
MALE	0704Z	04Oct2023	6.18m
DHIYAMIGILI	0706Z	04Oct2023	6.55m
THINADHOO	0706Z	04Oct2023	5.78m
KULHUDUFFUSHI	0706Z	04Oct2023	3.76m
HITHADHOO	0710Z	04Oct2023	4.46m
GOIDHOO	0720Z	04Oct2023	3.36m
NILANDHOO	0726Z	04Oct2023	9.71m

IOC Technical Series, 181 (I) Supplement 1
page 32

FERIDHOO	0734Z	04Oct2023	3.17m	
MAURITIUS				
LA FERME	0944Z	04Oct2023	1.17m	
CARGADOS CARAJOS	1016Z	04Oct2023	1.60m	
GRANDE REVIERE SUD EST-EAST	1032Z	04Oct2023	0.74m	
AGALEGA ISLAND	1040Z	04Oct2023	0.74m	
GRANDE REVIERE SUD EST-WEST	1052Z	04Oct2023	0.72m	
MOZAMBIQUE				
MAGANJA	1248Z	04Oct2023	1.35m	
MERONVI	1256Z	04Oct2023	1.09m	
QUITERAJO	1258Z	04Oct2023	0.70m	
TAVARI	1302Z	04Oct2023	0.69m	
PEMBA	1304Z	04Oct2023	0.71m	
MURREBUE	1304Z	04Oct2023	0.84m	
MECUFI	1306Z	04Oct2023	0.85m	
LURIO	1308Z	04Oct2023	0.91m	
NANGATA	1312Z	04Oct2023	0.73m	
MINHAUINE	1314Z	04Oct2023	0.77m	
LUMBO	1314Z	04Oct2023	0.52m	
XAI-XAI	1552Z	04Oct2023	0.52m	
MYANMAR				
LITTLE COCO ISLAND	0456Z	04Oct2023	1.98m	
PREPARIS ISLAND	0508Z	04Oct2023	2.00m	
GREAT WESTERN TORRES ISLAND	0532Z	04Oct2023	3.25m	
KYWEGYAUNG	0534Z	04Oct2023	1.45m	
CHEDUBA ISLAND	0542Z	04Oct2023	2.34m	
THAN KYUN	0542Z	04Oct2023	4.59m	
LORD LOUGHBOROUGH ISLAND	0544Z	04Oct2023	4.55m	
MAWYEN	0546Z	04Oct2023	2.56m	
MAGYIGYAING	0552Z	04Oct2023	1.93m	
SITTWE	0612Z	04Oct2023	1.86m	
THAWINCHAUNG	0614Z	04Oct2023	1.53m	
KYAUKPYU	0616Z	04Oct2023	2.11m	
MALI KYUN	0644Z	04Oct2023	1.98m	
PHARPON	0656Z	04Oct2023	2.85m	
YE	0712Z	04Oct2023	2.23m	
YANGON-S	0720Z	04Oct2023	1.23m	
OMAN				
HASIK	1056Z	04Oct2023	0.77m	
AL JAZER	1100Z	04Oct2023	0.60m	
AD DUQM	1102Z	04Oct2023	0.74m	
TAQAH	1112Z	04Oct2023	1.35m	
MIRBAT	1112Z	04Oct2023	0.94m	
RAS AR RUWAYS	1112Z	04Oct2023	0.55m	
AL ASHKHARAH	1114Z	04Oct2023	0.52m	
SALALAH	1120Z	04Oct2023	1.02m	
MASIRAH	1148Z	04Oct2023	0.65m	
PAKISTAN				
ORMARA	1140Z	04Oct2023	0.52m	
SINDH	1542Z	04Oct2023	0.56m	
KARACHI	1806Z	04Oct2023	0.52m	
SEYCHELLES				
FREGATE ISLAND	1008Z	04Oct2023	1.69m	
COETIVY ISLAND	1014Z	04Oct2023	0.90m	
TAKAMAKA	1028Z	04Oct2023	1.86m	

ILE DESROCHES	1040Z	04Oct2023	1.14m
ALPHONSE ISLAND	1054Z	04Oct2023	0.54m
ASTOVE ISLAND	1142Z	04Oct2023	0.65m
ALDABRA	1150Z	04Oct2023	0.79m
FARQUHAR GROUP	1208Z	04Oct2023	0.86m

SOMALIA

BANDER-BEYLA	1102Z	04Oct2023	3.15m
EYL	1108Z	04Oct2023	2.89m
TOOXIN	1110Z	04Oct2023	2.39m
JARIIBAN	1114Z	04Oct2023	2.71m
GALDOGOB	1114Z	04Oct2023	2.93m
XARARDHEERE	1120Z	04Oct2023	2.62m
ITALA	1122Z	04Oct2023	2.31m
CEEL DHEER	1122Z	04Oct2023	2.41m
MAREEG	1124Z	04Oct2023	2.32m
ABO	1126Z	04Oct2023	1.42m
UARSCHIECH	1130Z	04Oct2023	2.31m
MUQDISHO	1134Z	04Oct2023	2.44m
BEYNAX BARRE	1144Z	04Oct2023	2.18m
BARAAWE	1148Z	04Oct2023	2.00m
TURDHO	1156Z	04Oct2023	1.99m
JILIB	1156Z	04Oct2023	1.45m
NE BEERNAASI	1202Z	04Oct2023	1.96m
KAAMBOONI	1210Z	04Oct2023	2.25m

SOUTH AFRICA

FUNK SEAMOUNT	1548Z	04Oct2023	0.65m
MARGATE	2040Z	04Oct2023	0.56m

SRI LANKA

POTTUVIL	0536Z	04Oct2023	9.36m
BATTICALOA	0536Z	04Oct2023	10.06m
AKKARAIATTU	0536Z	04Oct2023	9.26m
KATTANKUDI	0540Z	04Oct2023	9.22m
OKANDA	0540Z	04Oct2023	9.25m
KIRINDA	0540Z	04Oct2023	8.21m
ANAITIVU	0542Z	04Oct2023	10.44m
PANKULAM	0542Z	04Oct2023	7.87m
HAMBANTOTA	0546Z	04Oct2023	9.61m
MULLAITTIVU	0546Z	04Oct2023	6.58m
TANGALLE	0550Z	04Oct2023	7.07m
CHUNDIKKULAM	0552Z	04Oct2023	6.51m
MATARA	0554Z	04Oct2023	6.53m
GALLE	0558Z	04Oct2023	6.53m
CHAVAKACHCHERI	0600Z	04Oct2023	3.41m
AMBALANGODA	0602Z	04Oct2023	4.17m
POINT PEDRO	0606Z	04Oct2023	3.30m
BERUWALA	0612Z	04Oct2023	3.24m
COLOMBO	0618Z	04Oct2023	2.22m
MORATUWA	0620Z	04Oct2023	4.92m
NEGOMBO	0628Z	04Oct2023	3.24m
MUNDAL LAKE	0632Z	04Oct2023	1.92m
MANNAR ISLAND	0642Z	04Oct2023	1.70m
MUSALI	0654Z	04Oct2023	1.29m

TANZANIA

VUMBA	1234Z	04Oct2023	0.82m
VUMBI	1238Z	04Oct2023	0.83m
ZANZIBAR	1240Z	04Oct2023	0.88m
GAZIJA	1244Z	04Oct2023	0.71m

IOC Technical Series, 181 (I) Supplement 1
page 34

JIMBO	1244Z	04Oct2023	0.96m
KUTANI	1248Z	04Oct2023	1.22m
RUVU	1250Z	04Oct2023	0.80m
MADANGWA	1254Z	04Oct2023	0.83m
WEST TO KONDE	1256Z	04Oct2023	0.91m
MSASANI	1302Z	04Oct2023	0.65m
BOMALANDNI	1318Z	04Oct2023	0.55m
BAGAMOYO	1328Z	04Oct2023	0.58m

THAILAND

THAI MUEANG	0534Z	04Oct2023	7.90m
KO RACHA NOI	0546Z	04Oct2023	4.47m
KOH SURIN TAI	0552Z	04Oct2023	5.09m
KOH LANTA YAI	0622Z	04Oct2023	2.04m
THAI MUEANG_TAKUA PA	0628Z	04Oct2023	7.13m
KOH ROK	0634Z	04Oct2023	1.28m
KOH TARUTAO	0642Z	04Oct2023	1.36m
MUEANG SATUN	0642Z	04Oct2023	1.36m

UNITED KINGDOM

MORESBY ISLAND	0730Z	04Oct2023	5.56m
DIEGO GARCIA	0732Z	04Oct2023	3.23m
NW EGMONT ISLAND	0754Z	04Oct2023	2.17m

YEMEN

SOCOTRA ISLAND SOUTH	1044Z	04Oct2023	3.05m
SOCOTRA ISLAND NORTH	1100Z	04Oct2023	1.26m
SOCOTRA ISLAND WEST	1116Z	04Oct2023	0.76m
DAMQAWT	1128Z	04Oct2023	1.37m
AL GHAYDAH AIRPORT	1130Z	04Oct2023	0.91m
ALQUMRAH	1258Z	04Oct2023	0.51m
HUSWAYN	1300Z	04Oct2023	0.59m
HARRAH	1310Z	04Oct2023	0.54m
MASILAH WADI	1310Z	04Oct2023	0.64m
EAST TO HAMI	1310Z	04Oct2023	0.59m
HAMI	1310Z	04Oct2023	0.52m
KHANFAR	1524Z	04Oct2023	1.17m
ADEN	1528Z	04Oct2023	0.93m
RUDUM	1558Z	04Oct2023	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 IOTWMS-TSP AUSTRALIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

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

TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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 IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

BULLETIN 6

IDY68501

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

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TSUNAMI BULLETIN NUMBER 6 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 0640 UTC Wednesday 04 October 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

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

Sabang UTC	INDONESIA	5.80N	95.33E	3.67m	04 Oct 04:30
Port Blair UTC	INDIA	11.70N	92.76E	3.64m	04 Oct 04:39
Deep Ocean Buoy 23227 UTC	BAY OF BENGA	6.26N	88.79E	2.62m	04 Oct 04:41
Telukdalam UTC	INDONESIA	0.50N	97.83E	2.01m	04 Oct 05:08
Nancowry UTC	INDIA	8.10N	93.55E	8.47m	04 Oct 05:08
Meulaboh UTC	INDONESIA	4.17N	96.00E	9.11m	04 Oct 05:14
Deep Ocean Buoy 23218 UTC	BAY OF BENGA	10.00N	88.50E	0.49m	04 Oct 05:16
Ko Taphao Noi UTC	THAILAND	7.80N	98.42E	2.34m	04 Oct 05:41
Trincomalee UTC	SRI LANKA	8.67N	81.33E	4.80m	04 Oct 05:47
Enggano UTC	INDONESIA	5.30S	102.28E	0.90m	04 Oct 06:12
Padang UTC	INDONESIA	1.00S	100.37E	0.83m	04 Oct 06:14

Chennai UTC	INDIA	13.10N	80.30E	6.07m	04 Oct 06:20
Cocos Island. UTC	AUSTRALIA	12.10S	96.89E	1.24m	04 Oct 06:26
Visakhapatnam UTC	INDIA	17.70N	83.28E	3.98m	04 Oct 06:29
Colombo UTC	SRI LANKA	7.00N	79.85E	3.97m	04 Oct 06:32
Seblat UTC	INDONESIA	3.17S	101.50E	1.57m	04 Oct 06:34

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		0618Z	04Oct2023	0.69m
GASCOYNE COAST		1036Z	04Oct2023	0.86m
PILBARA COAST WEST		1242Z	04Oct2023	0.73m
LEEUEWIN COAST		1310Z	04Oct2023	0.73m
AURORA BANK		1418Z	04Oct2023	1.33m
GERALDTON COAST		1502Z	04Oct2023	0.68m
HEARD ISLAND AND MCDONALD ISLANDS		1508Z	04Oct2023	2.01m
PERTH COAST		1744Z	04Oct2023	0.56m
BUNBURY GEOGRAPHE COAST		1754Z	04Oct2023	0.70m
PILBARA COAST EAST		1826Z	04Oct2023	0.60m

BANGLADESH

COXS BAZAR	0640Z	04Oct2023	2.81m
CHALNA	0646Z	04Oct2023	0.89m
KUTUBDIA ISLAND	0652Z	04Oct2023	2.80m
BARGUNA	0652Z	04Oct2023	2.80m

COMOROS

BAMBAO	1220Z	04Oct2023	0.58m
FOMBONI	1226Z	04Oct2023	0.70m
CHEZANI	1226Z	04Oct2023	1.16m

DJIBOUTI

NW ARTA	1356Z	04Oct2023	0.71m
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FRANCE

ILE SAINT-PAUL-NORTH	1048Z	04Oct2023	0.65m
ILE SAINT-PAUL-SOUTH	1100Z	04Oct2023	1.05m
SAINT-DENIS	1104Z	04Oct2023	0.50m
ILE DE LA POSSESSION	1320Z	04Oct2023	1.09m
ILE KERGUELEN	1322Z	04Oct2023	1.04m
CROZET PLATEAU	1330Z	04Oct2023	0.88m

INDIA

LITTLE ANDAMAN	0400Z	04Oct2023	13.72m
NORTH SENTINEL ISLAND	0400Z	04Oct2023	5.42m
KOMATRA & KATCHAL ISLAND	0408Z	04Oct2023	14.39m
CAR NICOBAR	0408Z	04Oct2023	10.60m
INDIRA POINT	0410Z	04Oct2023	12.40m
PORT BLAIR	0414Z	04Oct2023	3.40m
WEST & LANDFALL ISLAND	0432Z	04Oct2023	2.66m
FLAT ISLAND	0432Z	04Oct2023	3.15m
HAVELOCK	0436Z	04Oct2023	4.07m
BARREN ISLAND	0446Z	04Oct2023	1.67m
RANGATH BAY	0450Z	04Oct2023	2.94m
DIGLIPUR	0502Z	04Oct2023	3.87m
NARCONDAM ISLAND	0506Z	04Oct2023	1.52m
MAHABALIPURAM	0600Z	04Oct2023	5.11m
MARAKKANAM	0600Z	04Oct2023	7.70m
KAKINADA	0600Z	04Oct2023	2.49m
CHENNAI	0600Z	04Oct2023	5.11m
PUDUCHERRY	0602Z	04Oct2023	4.86m
SRIHARIKOTA	0602Z	04Oct2023	9.68m
CUDDALORE	0602Z	04Oct2023	5.45m
MACHILIPATNAM	0604Z	04Oct2023	4.55m
ENNORE	0604Z	04Oct2023	7.52m
PARADIP	0606Z	04Oct2023	2.31m
VISAKHAPATNAM	0606Z	04Oct2023	2.21m
POOMBUHAR	0606Z	04Oct2023	4.18m
KALINGAPATNAM	0608Z	04Oct2023	2.41m
NAGAPATTINAM	0608Z	04Oct2023	3.59m
MALLIPATTINAM	0608Z	04Oct2023	2.53m
PERUPALEM	0608Z	04Oct2023	3.26m
KARAIKAL	0608Z	04Oct2023	3.15m
PURI	0608Z	04Oct2023	2.82m
KONADA	0610Z	04Oct2023	2.38m
NIJAMPATTANAM	0610Z	04Oct2023	2.68m
KOTTAPATNAM	0614Z	04Oct2023	3.09m
MUTHUPET	0614Z	04Oct2023	2.26m
GOPALPUR	0618Z	04Oct2023	3.28m
JAMBOO	0624Z	04Oct2023	3.00m
TUTICORIN	0642Z	04Oct2023	1.77m
KOODANKULAM	0650Z	04Oct2023	2.26m
HEMNAGAR	0650Z	04Oct2023	1.01m
RAMESWARAM	0652Z	04Oct2023	1.56m
DHAMRA	0656Z	04Oct2023	4.73m
NAMKHANA	0656Z	04Oct2023	1.48m
KOTTTAIPPATTANAM	0656Z	04Oct2023	1.45m
KANYAKUMARI	0702Z	04Oct2023	2.48m
DIGHA	0704Z	04Oct2023	3.26m
CHANDIPUR	0710Z	04Oct2023	3.18m
TRIVANDRUM	0716Z	04Oct2023	1.53m
QUILON	0718Z	04Oct2023	1.45m
MINICOY	0728Z	04Oct2023	1.49m
ALLEPPEY ALAPPUZHA	0732Z	04Oct2023	1.86m

ANDROTH	0738Z	04Oct2023	0.97m
KAVARATTI	0750Z	04Oct2023	0.95m
AMINI	0758Z	04Oct2023	0.97m
COCHIN	0800Z	04Oct2023	1.33m
VADANAPPALLY	0800Z	04Oct2023	1.04m
AGATTI	0802Z	04Oct2023	1.10m
VAKKAD	0810Z	04Oct2023	0.87m
BEYPORE	0822Z	04Oct2023	0.84m
KANNUR	0832Z	04Oct2023	1.08m
MAHE	0838Z	04Oct2023	0.99m
KASARAGOD	0840Z	04Oct2023	1.17m
MALVAN BAY	1028Z	04Oct2023	0.77m
VASCO	1034Z	04Oct2023	0.85m
PANAJI	1048Z	04Oct2023	0.91m
KARWAR	1052Z	04Oct2023	1.14m
MANGALORE	1102Z	04Oct2023	1.01m
UDUPI	1118Z	04Oct2023	1.13m
JAIGARH	1138Z	04Oct2023	0.66m
DWARKA	1636Z	04Oct2023	0.55m
ALIBAG PORT	2026Z	04Oct2023	0.63m
MUMBAI	2026Z	04Oct2023	0.63m
JAMNAGAR	2032Z	04Oct2023	0.55m
HAZIRA, DIU	0334Z	05Oct2023	0.80m
INDONESIA			
NAD ACEH-JAYA	0420Z	04Oct2023	14.60m
NAD ACEH-BESAR B	0422Z	04Oct2023	16.46m
NAD SIMEULUE P.SIMEULUE	0422Z	04Oct2023	3.25m
NAD ACEH-BESAR P.PENASI	0424Z	04Oct2023	17.78m
NAD ACEH-BESAR P.BREUEH	0424Z	04Oct2023	19.18m
NAD KOTA-SABANG P.WEH	0426Z	04Oct2023	11.39m
NAD KOTA-BANDA-ACEH	0426Z	04Oct2023	10.84m
NAD ACEH-BARAT	0432Z	04Oct2023	8.93m
SUMUT NIAS B	0438Z	04Oct2023	1.57m
NAD ACEH-BESAR U	0442Z	04Oct2023	7.26m
NAD NAGAN-RAYA	0442Z	04Oct2023	3.92m
NAD ACEH-SINGKIL KEP.BANYAK	0442Z	04Oct2023	2.10m
NAD PIDIE	0446Z	04Oct2023	3.82m
GUNUNGSITOLI	0448Z	04Oct2023	1.08m
SUMUT NIAS-SELATAN P.NIAS	0448Z	04Oct2023	1.71m
NAD ACEH-BARAT-DAYA	0452Z	04Oct2023	2.65m
SUMUT NIAS-SELATAN P.TANAHMASA	0458Z	04Oct2023	1.03m
NAD ACEH-SELATAN U	0458Z	04Oct2023	1.83m
NAD BIREUEN	0500Z	04Oct2023	4.16m
SUMUT NIAS-SELATAN P.TANABALA	0502Z	04Oct2023	1.19m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0506Z	04Oct2023	1.24m
NAD KOTA-LHOKSEUMAWA	0508Z	04Oct2023	2.72m
NAD ACEH-UTARA B	0508Z	04Oct2023	4.16m
NAD ACEH-SELATAN S	0510Z	04Oct2023	1.91m
NIAS	0516Z	04Oct2023	0.71m
NAD ACEH-UTARA T	0518Z	04Oct2023	3.00m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0520Z	04Oct2023	0.70m
MUARASIBERUT	0522Z	04Oct2023	0.57m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0524Z	04Oct2023	0.86m
NAD ACEH-TIMUR	0542Z	04Oct2023	1.68m
NAD ACEH-SINGKIL	0550Z	04Oct2023	0.78m
SUMUT TAPANULI-SELATAN	0602Z	04Oct2023	1.16m
SUMUT TAPANULI-TENGAH U	0602Z	04Oct2023	1.15m
NIAS-EAST	0612Z	04Oct2023	0.97m
SUMUT MANDAILING-NATAL U	0628Z	04Oct2023	1.03m
BENGKULU BENGKULU-UTARA S	0630Z	04Oct2023	0.87m

IOC Technical Series, 181 (I) Supplement 1
page 40

SOUTH OF BODAHAYIONE	0630Z	04Oct2023	0.67m
SUMUT TAPANULI-TENGAH S	0640Z	04Oct2023	1.00m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0650Z	04Oct2023	0.89m
NAD KOTA-LANGSA	0702Z	04Oct2023	1.20m
NAD ACEH-TAMIANG	0726Z	04Oct2023	1.03m
JABAR SUKABUMI PELABUHAN-RATU	0758Z	04Oct2023	1.19m
SUMUT LANGKAT	0802Z	04Oct2023	1.06m
BELAWAN	0828Z	04Oct2023	1.03m
SUMUT DELISERDANG	0840Z	04Oct2023	0.84m
SUMUT SERDANG-BEDAGAI	0858Z	04Oct2023	0.84m
BENGKULU SELUMA	0908Z	04Oct2023	0.76m
NIAS-NORTH	0946Z	04Oct2023	0.69m
BENGKULU BENGKULU-UTARA P.ENGGANO	1022Z	04Oct2023	0.58m
SUMUT MANDAILING-NATAL S	1030Z	04Oct2023	0.87m
SUMBAR KOTA-PADANG U	1032Z	04Oct2023	0.65m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1042Z	04Oct2023	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	1056Z	04Oct2023	0.56m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1058Z	04Oct2023	0.53m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1058Z	04Oct2023	0.86m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1100Z	04Oct2023	0.60m
BENGKULU BENGKULU-UTARA U	1104Z	04Oct2023	0.52m
LABUHAN BATU	1128Z	04Oct2023	0.62m
BANTEN SERANG B	1142Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1142Z	04Oct2023	0.51m
BANTEN KOTA-CILEGON P.SANGIANG	1142Z	04Oct2023	0.51m
LAMPUNG TANGGAMUS T	1142Z	04Oct2023	0.81m
SUMUT ASAHAN	1230Z	04Oct2023	0.79m
BANTEN LEBAK	1358Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1406Z	04Oct2023	0.53m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN B	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1414Z	04Oct2023	0.57m
LAMPUNG TANGGAMUS B	1430Z	04Oct2023	0.50m
SUMBAR AGAM	1456Z	04Oct2023	0.52m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1506Z	04Oct2023	0.52m
DUMAI	1628Z	04Oct2023	0.52m
BANTEN PANDEGLANG U	1808Z	04Oct2023	0.54m
JATENG CILACAP	1834Z	04Oct2023	0.52m

KENYA

KIWAYU	1212Z	04Oct2023	1.74m
KIPINI	1236Z	04Oct2023	1.31m
MVULENI	1236Z	04Oct2023	1.24m
MALINDI	1238Z	04Oct2023	1.84m
TAKAUNGU	1240Z	04Oct2023	1.87m
KISIMACHANDE	1244Z	04Oct2023	1.47m

MADAGASCAR

VOHEMAR	1130Z	04Oct2023	1.08m
ANOROTSANGANA	1132Z	04Oct2023	1.10m
AMBAHY	1202Z	04Oct2023	1.05m
TOAMASINA AIRPORT	1204Z	04Oct2023	0.55m
FARAFAGANA	1212Z	04Oct2023	1.64m
MANANTENINA	1214Z	04Oct2023	0.86m
TAMPOLO	1300Z	04Oct2023	1.07m
SAMPONA	1412Z	04Oct2023	1.11m
BALY	1426Z	04Oct2023	0.63m

MALAYSIA

SATUN	0744Z	04Oct2023	1.55m
YAN	0754Z	04Oct2023	0.76m

SEBERANG PERAI SELATAN	0818Z	04Oct2023	0.76m
WEST OF ALOR SETAR	0822Z	04Oct2023	1.13m
KUALA MUDA	0822Z	04Oct2023	1.13m
SEBERANG PERAI UTARA & BARAT DAYA	0828Z	04Oct2023	1.13m
KERIAN	0842Z	04Oct2023	1.02m
LARUT AND MATANG	0848Z	04Oct2023	1.05m
MANJUNG	0912Z	04Oct2023	1.02m
HILIR PERAK	1030Z	04Oct2023	0.81m
SABAK BERNAM	1110Z	04Oct2023	0.68m
KUALA SELANGOR	1136Z	04Oct2023	0.77m

MALDIVES

KOLHUFUSHI	0704Z	04Oct2023	5.82m
MALE	0704Z	04Oct2023	6.18m
DHIYAMIGILI	0706Z	04Oct2023	6.55m
THINADHOO	0706Z	04Oct2023	5.78m
KULHUDUFFUSHI	0706Z	04Oct2023	3.76m
HITHADHOO	0710Z	04Oct2023	4.46m
GOIDHOO	0720Z	04Oct2023	3.36m
NILANDHOO	0726Z	04Oct2023	9.71m
FERIDHOO	0734Z	04Oct2023	3.17m

MAURITIUS

LA FERME	0944Z	04Oct2023	1.17m
CARGADOS CARAJOS	1016Z	04Oct2023	1.60m
GRANDE REVIERE SUD EST-EAST	1032Z	04Oct2023	0.74m
AGALEGA ISLAND	1040Z	04Oct2023	0.74m
GRANDE REVIERE SUD EST-WEST	1052Z	04Oct2023	0.72m

MOZAMBIQUE

MAGANJA	1248Z	04Oct2023	1.35m
MERONVI	1256Z	04Oct2023	1.09m
QUITERAJO	1258Z	04Oct2023	0.70m
TAVARI	1302Z	04Oct2023	0.69m
PEMBA	1304Z	04Oct2023	0.71m
MURREBUE	1304Z	04Oct2023	0.84m
MECUFI	1306Z	04Oct2023	0.85m
LURIO	1308Z	04Oct2023	0.91m
NANGATA	1312Z	04Oct2023	0.73m
MINHAUINE	1314Z	04Oct2023	0.77m
LUMBO	1314Z	04Oct2023	0.52m
XAI-XAI	1552Z	04Oct2023	0.52m

MYANMAR

LITTLE COCO ISLAND	0456Z	04Oct2023	1.98m
PREPARIS ISLAND	0508Z	04Oct2023	2.00m
GREAT WESTERN TORRES ISLAND	0532Z	04Oct2023	3.25m
KYWEGYAUNG	0534Z	04Oct2023	1.45m
CHEDUBA ISLAND	0542Z	04Oct2023	2.34m
THAN KYUN	0542Z	04Oct2023	4.59m
LORD LOUGHBOROUGH ISLAND	0544Z	04Oct2023	4.55m
MAWYEN	0546Z	04Oct2023	2.56m
MAGYIGYAING	0552Z	04Oct2023	1.93m
SITTWE	0612Z	04Oct2023	1.86m
THAWINCHAUNG	0614Z	04Oct2023	1.53m
KYAUKPYU	0616Z	04Oct2023	2.11m
MALI KYUN	0644Z	04Oct2023	1.98m
PHARPON	0656Z	04Oct2023	2.85m
YE	0712Z	04Oct2023	2.23m
YANGON-S	0720Z	04Oct2023	1.23m

IOC Technical Series, 181 (I) Supplement 1
page 42

OMAN

HASIK	1056Z	04Oct2023	0.77m
AL JAZER	1100Z	04Oct2023	0.60m
AD DUQM	1102Z	04Oct2023	0.74m
TAQAH	1112Z	04Oct2023	1.35m
MIRBAT	1112Z	04Oct2023	0.94m
RAS AR RUWAYS	1112Z	04Oct2023	0.55m
AL ASHKHARAH	1114Z	04Oct2023	0.52m
SALALAH	1120Z	04Oct2023	1.02m
MASIRAH	1148Z	04Oct2023	0.65m

PAKISTAN

ORMARA	1140Z	04Oct2023	0.52m
SINDH	1542Z	04Oct2023	0.56m
KARACHI	1806Z	04Oct2023	0.52m

SEYCHELLES

FREGATE ISLAND	1008Z	04Oct2023	1.69m
COETIVY ISLAND	1014Z	04Oct2023	0.90m
TAKAMAKA	1028Z	04Oct2023	1.86m
ILE DESROCHES	1040Z	04Oct2023	1.14m
ALPHONSE ISLAND	1054Z	04Oct2023	0.54m
ASTOVE ISLAND	1142Z	04Oct2023	0.65m
ALDABRA	1150Z	04Oct2023	0.79m
FARQUHAR GROUP	1208Z	04Oct2023	0.86m

SOMALIA

BANDER-BEYLA	1102Z	04Oct2023	3.15m
EYL	1108Z	04Oct2023	2.89m
TOOXIN	1110Z	04Oct2023	2.39m
JARIIBAN	1114Z	04Oct2023	2.71m
GALDOGOB	1114Z	04Oct2023	2.93m
XARARDHEERE	1120Z	04Oct2023	2.62m
ITALA	1122Z	04Oct2023	2.31m
CEEL DHEER	1122Z	04Oct2023	2.41m
MAREEG	1124Z	04Oct2023	2.32m
ABO	1126Z	04Oct2023	1.42m
UARSCIECH	1130Z	04Oct2023	2.31m
MUQDISHO	1134Z	04Oct2023	2.44m
BEYNAX BARRE	1144Z	04Oct2023	2.18m
BARAAWE	1148Z	04Oct2023	2.00m
TURDHO	1156Z	04Oct2023	1.99m
JILIB	1156Z	04Oct2023	1.45m
NE BEERNAASI	1202Z	04Oct2023	1.96m
KAAMBOONI	1210Z	04Oct2023	2.25m

SOUTH AFRICA

FUNK SEAMOUNT	1548Z	04Oct2023	0.65m
MARGATE	2040Z	04Oct2023	0.56m

SRI LANKA

POTTUVIL	0536Z	04Oct2023	9.36m
BATTICALOA	0536Z	04Oct2023	10.06m
AKKARAIATTU	0536Z	04Oct2023	9.26m
KATTANKUDI	0540Z	04Oct2023	9.22m
OKANDA	0540Z	04Oct2023	9.25m
KIRINDA	0540Z	04Oct2023	8.21m
ANAITIVU	0542Z	04Oct2023	10.44m
PANKULAM	0542Z	04Oct2023	7.87m
HAMBANTOTA	0546Z	04Oct2023	9.61m
MULLAITTIVU	0546Z	04Oct2023	6.58m

TANGALLE	0550Z	04Oct2023	7.07m
CHUNDIKKULAM	0552Z	04Oct2023	6.51m
MATARA	0554Z	04Oct2023	6.53m
GALLE	0558Z	04Oct2023	6.53m
CHAVAKACHCHERI	0600Z	04Oct2023	3.41m
AMBALANGODA	0602Z	04Oct2023	4.17m
POINT PEDRO	0606Z	04Oct2023	3.30m
BERUWALA	0612Z	04Oct2023	3.24m
COLOMBO	0618Z	04Oct2023	2.22m
MORATUWA	0620Z	04Oct2023	4.92m
NEGOMBO	0628Z	04Oct2023	3.24m
MUNDAL LAKE	0632Z	04Oct2023	1.92m
MANNAR ISLAND	0642Z	04Oct2023	1.70m
MUSALI	0654Z	04Oct2023	1.29m

TANZANIA

VUMBA	1234Z	04Oct2023	0.82m
VUMBI	1238Z	04Oct2023	0.83m
ZANZIBAR	1240Z	04Oct2023	0.88m
GAZIJA	1244Z	04Oct2023	0.71m
JIMBO	1244Z	04Oct2023	0.96m
KUTANI	1248Z	04Oct2023	1.22m
RUVU	1250Z	04Oct2023	0.80m
MADANGWA	1254Z	04Oct2023	0.83m
WEST TO KONDE	1256Z	04Oct2023	0.91m
MSASANI	1302Z	04Oct2023	0.65m
BOMALANDNI	1318Z	04Oct2023	0.55m
BAGAMOYO	1328Z	04Oct2023	0.58m

THAILAND

THAI MUEANG	0534Z	04Oct2023	7.90m
KO RACHA NOI	0546Z	04Oct2023	4.47m
KOH SURIN TAI	0552Z	04Oct2023	5.09m
KOH LANTA YAI	0622Z	04Oct2023	2.04m
THAI MUEANG_TAKUA PA	0628Z	04Oct2023	7.13m
KOH ROK	0634Z	04Oct2023	1.28m
KOH TARUTAO	0642Z	04Oct2023	1.36m
MUEANG SATUN	0642Z	04Oct2023	1.36m

UNITED KINGDOM

MORESBY ISLAND	0730Z	04Oct2023	5.56m
DIEGO GARCIA	0732Z	04Oct2023	3.23m
NW EGMONT ISLAND	0754Z	04Oct2023	2.17m

YEMEN

SOCOTRA ISLAND SOUTH	1044Z	04Oct2023	3.05m
SOCOTRA ISLAND NORTH	1100Z	04Oct2023	1.26m
SOCOTRA ISLAND WEST	1116Z	04Oct2023	0.76m
DAMQAWT	1128Z	04Oct2023	1.37m
AL GHAYDAH AIRPORT	1130Z	04Oct2023	0.91m
ALQUMRAH	1258Z	04Oct2023	0.51m
HUSWAYN	1300Z	04Oct2023	0.59m
HARRAH	1310Z	04Oct2023	0.54m
MASILAH WADI	1310Z	04Oct2023	0.64m
EAST TO HAMI	1310Z	04Oct2023	0.59m
HAMI	1310Z	04Oct2023	0.52m
KHANFAR	1524Z	04Oct2023	1.17m
ADEN	1528Z	04Oct2023	0.93m
RUDUM	1558Z	04Oct2023	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 IOTWMS-TSP AUSTRALIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

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

TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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 IOWAVE23 - NOT A REAL TSUNAMI EVENT

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BULLETIN 7

IDY68501

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

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TSUNAMI BULLETIN NUMBER 7 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 0740 UTC Wednesday 04 October 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

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

Sabang UTC	INDONESIA	5.80N	95.33E	3.67m	04 Oct 04:30
Port Blair UTC	INDIA	11.70N	92.76E	3.64m	04 Oct 04:39
Deep Ocean Buoy 23227 UTC	BAY OF BENGA	6.26N	88.79E	2.62m	04 Oct 04:41
Telukdalam UTC	INDONESIA	0.50N	97.83E	2.01m	04 Oct 05:08
Nancowry UTC	INDIA	8.10N	93.55E	8.47m	04 Oct 05:08
Meulaboh UTC	INDONESIA	4.17N	96.00E	9.11m	04 Oct 05:14
Deep Ocean Buoy 23218 UTC	BAY OF BENGA	10.00N	88.50E	0.49m	04 Oct 05:16
Ko Taphao Noi UTC	THAILAND	7.80N	98.42E	2.34m	04 Oct 05:41
Trincomalee UTC	SRI LANKA	8.67N	81.33E	4.80m	04 Oct 05:47
Enggano UTC	INDONESIA	5.30S	102.28E	0.90m	04 Oct 06:12
Padang UTC	INDONESIA	1.00S	100.37E	0.83m	04 Oct 06:14
Chennai UTC	INDIA	13.10N	80.30E	6.07m	04 Oct 06:20

Cocos Island. UTC	AUSTRALIA	12.10S	96.89E	1.24m	04 Oct 06:26
Visakhapatnam UTC	INDIA	17.70N	83.28E	3.98m	04 Oct 06:29
Colombo UTC	SRI LANKA	7.00N	79.85E	3.97m	04 Oct 06:32
Seblat UTC	INDONESIA	3.17S	101.50E	1.57m	04 Oct 06:34
Christmas Is UTC	AUSTRALIA	10.40S	105.67E	1.43m	04 Oct 06:45
Sibolga UTC	INDONESIA	1.67N	98.67E	2.77m	04 Oct 06:45
Sittwe UTC	MYANMAR	20.00N	92.83E	2.17m	04 Oct 06:46
Gan UTC	MALDIVES	0.70S	73.15E	5.58m	04 Oct 07:12
Hanimadhoo UTC	MALDIVES	6.80N	73.17E	4.64m	04 Oct 07:18
Tanjung Lesung UTC	INDONESIA	6.50S	105.50E	0.83m	04 Oct 07:19
Deep Ocean Buoy 23223 UTC	BAY OF BENGA	17.33N	89.48E	0.51m	04 Oct 07:21
Kirinda UTC	SRI LANKA	6.20N	81.32E	4.47m	04 Oct 07:21
Minicoy UTC	INDIA	8.30N	73.05E	2.00m	04 Oct 07:24
Langkawi UTC	MALAYSIA	6.50N	99.83E	1.12m	04 Oct 07:28
Marina Jambu UTC	INDONESIA	6.19S	105.83E	0.81m	04 Oct 07:29
Pangandaran UTC	INDONESIA	7.83S	108.50E	0.91m	04 Oct 07:36

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
GASCOYNE COAST

0618Z 04Oct2023 0.69m
1036Z 04Oct2023 0.86m

PILBARA COAST WEST	1242Z	04Oct2023	0.73m
LEEUEWIN COAST	1310Z	04Oct2023	0.73m
AURORA BANK	1418Z	04Oct2023	1.33m
GERALDTON COAST	1502Z	04Oct2023	0.68m
HEARD ISLAND AND MCDONALD ISLANDS	1508Z	04Oct2023	2.01m
PERTH COAST	1744Z	04Oct2023	0.56m
BUNBURY GEOGRAPHE COAST	1754Z	04Oct2023	0.70m
PILBARA COAST EAST	1826Z	04Oct2023	0.60m

BANGLADESH

COXS BAZAR	0640Z	04Oct2023	2.81m
CHALNA	0646Z	04Oct2023	0.89m
KUTUBDIA ISLAND	0652Z	04Oct2023	2.80m
BARGUNA	0652Z	04Oct2023	2.80m

COMOROS

BAMBAO	1220Z	04Oct2023	0.58m
FOMBONI	1226Z	04Oct2023	0.70m
CHEZANI	1226Z	04Oct2023	1.16m

DJIBOUTI

NW ARTA	1356Z	04Oct2023	0.71m
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FRANCE

ILE SAINT-PAUL-NORTH	1048Z	04Oct2023	0.65m
ILE SAINT-PAUL-SOUTH	1100Z	04Oct2023	1.05m
SAINT-DENIS	1104Z	04Oct2023	0.50m
ILE DE LA POSSESSION	1320Z	04Oct2023	1.09m
ILE KERGUELEN	1322Z	04Oct2023	1.04m
CROZET PLATEAU	1330Z	04Oct2023	0.88m

INDIA

LITTLE ANDAMAN	0400Z	04Oct2023	13.72m
NORTH SENTINEL ISLAND	0400Z	04Oct2023	5.42m
KOMATRA & KATCHAL ISLAND	0408Z	04Oct2023	14.39m
CAR NICOBAR	0408Z	04Oct2023	10.60m
INDIRA POINT	0410Z	04Oct2023	12.40m
PORT BLAIR	0414Z	04Oct2023	3.40m
WEST & LANDFALL ISLAND	0432Z	04Oct2023	2.66m
FLAT ISLAND	0432Z	04Oct2023	3.15m
HAVELOCK	0436Z	04Oct2023	4.07m
BARREN ISLAND	0446Z	04Oct2023	1.67m
RANGATH BAY	0450Z	04Oct2023	2.94m
DIGLIPUR	0502Z	04Oct2023	3.87m
NARCONDAM ISLAND	0506Z	04Oct2023	1.52m
MAHABALIPURAM	0600Z	04Oct2023	5.11m
MARAKKANAM	0600Z	04Oct2023	7.70m
KAKINADA	0600Z	04Oct2023	2.49m
CHENNAI	0600Z	04Oct2023	5.11m
PUDUCHERRY	0602Z	04Oct2023	4.86m
SRIHARIKOTA	0602Z	04Oct2023	9.68m
CUDDALORE	0602Z	04Oct2023	5.45m
MACHILIPATNAM	0604Z	04Oct2023	4.55m
ENNORE	0604Z	04Oct2023	7.52m
PARADIP	0606Z	04Oct2023	2.31m
VISAKHAPATNAM	0606Z	04Oct2023	2.21m
POOMBUHAR	0606Z	04Oct2023	4.18m
KALINGAPATNAM	0608Z	04Oct2023	2.41m
NAGAPATTINAM	0608Z	04Oct2023	3.59m
MALLIPATTINAM	0608Z	04Oct2023	2.53m
PERUPALEM	0608Z	04Oct2023	3.26m

KARAIKAL	0608Z	04Oct2023	3.15m
PURI	0608Z	04Oct2023	2.82m
KONADA	0610Z	04Oct2023	2.38m
NIJAMPATTANAM	0610Z	04Oct2023	2.68m
KOTTAPATNAM	0614Z	04Oct2023	3.09m
MUTHUPET	0614Z	04Oct2023	2.26m
GOPALPUR	0618Z	04Oct2023	3.28m
JAMBOO	0624Z	04Oct2023	3.00m
TUTICORIN	0642Z	04Oct2023	1.77m
KOODANKULAM	0650Z	04Oct2023	2.26m
HEMNAGAR	0650Z	04Oct2023	1.01m
RAMESWARAM	0652Z	04Oct2023	1.56m
DHAMRA	0656Z	04Oct2023	4.73m
NAMKHANA	0656Z	04Oct2023	1.48m
KOTTTAIPPATTANAM	0656Z	04Oct2023	1.45m
KANYAKUMARI	0702Z	04Oct2023	2.48m
DIGHA	0704Z	04Oct2023	3.26m
CHANDIPUR	0710Z	04Oct2023	3.18m
TRIVANDRUM	0716Z	04Oct2023	1.53m
QUILON	0718Z	04Oct2023	1.45m
MINICOY	0728Z	04Oct2023	1.49m
ALLEPPEY ALAPPUZHA	0732Z	04Oct2023	1.86m
ANDROTH	0738Z	04Oct2023	0.97m
KAVARATTI	0750Z	04Oct2023	0.95m
AMINI	0758Z	04Oct2023	0.97m
COCHIN	0800Z	04Oct2023	1.33m
VADANAPPALLY	0800Z	04Oct2023	1.04m
AGATTI	0802Z	04Oct2023	1.10m
VAKKAD	0810Z	04Oct2023	0.87m
BEYPORE	0822Z	04Oct2023	0.84m
KANNUR	0832Z	04Oct2023	1.08m
MAHE	0838Z	04Oct2023	0.99m
KASARAGOD	0840Z	04Oct2023	1.17m
MALVAN BAY	1028Z	04Oct2023	0.77m
VASCO	1034Z	04Oct2023	0.85m
PANAJI	1048Z	04Oct2023	0.91m
KARWAR	1052Z	04Oct2023	1.14m
MANGALORE	1102Z	04Oct2023	1.01m
UDUPI	1118Z	04Oct2023	1.13m
JAIGARH	1138Z	04Oct2023	0.66m
DWARKA	1636Z	04Oct2023	0.55m
ALIBAG PORT	2026Z	04Oct2023	0.63m
MUMBAI	2026Z	04Oct2023	0.63m
JAMNAGAR	2032Z	04Oct2023	0.55m
HAZIRA, DIU	0334Z	05Oct2023	0.80m
INDONESIA			
NAD ACEH-JAYA	0420Z	04Oct2023	14.60m
NAD ACEH-BESAR B	0422Z	04Oct2023	16.46m
NAD SIMEULUE P.SIMEULUE	0422Z	04Oct2023	3.25m
NAD ACEH-BESAR P.PENASI	0424Z	04Oct2023	17.78m
NAD ACEH-BESAR P.BREUEH	0424Z	04Oct2023	19.18m
NAD KOTA-SABANG P.WEH	0426Z	04Oct2023	11.39m
NAD KOTA-BANDA-ACEH	0426Z	04Oct2023	10.84m
NAD ACEH-BARAT	0432Z	04Oct2023	8.93m
SUMUT NIAS B	0438Z	04Oct2023	1.57m
NAD ACEH-BESAR U	0442Z	04Oct2023	7.26m
NAD NAGAN-RAYA	0442Z	04Oct2023	3.92m
NAD ACEH-SINGKIL KEP.BANYAK	0442Z	04Oct2023	2.10m
NAD PIDIE	0446Z	04Oct2023	3.82m
GUNUNGSITOLI	0448Z	04Oct2023	1.08m

SUMUT NIAS-SELATAN P.NIAS	0448Z	04Oct2023	1.71m
NAD ACEH-BARAT-DAYA	0452Z	04Oct2023	2.65m
SUMUT NIAS-SELATAN P.TANAHMASA	0458Z	04Oct2023	1.03m
NAD ACEH-SELATAN U	0458Z	04Oct2023	1.83m
NAD BIREUEN	0500Z	04Oct2023	4.16m
SUMUT NIAS-SELATAN P.TANABALA	0502Z	04Oct2023	1.19m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0506Z	04Oct2023	1.24m
NAD KOTA-LHOKSEUMAWA	0508Z	04Oct2023	2.72m
NAD ACEH-UTARA B	0508Z	04Oct2023	4.16m
NAD ACEH-SELATAN S	0510Z	04Oct2023	1.91m
NIAS	0516Z	04Oct2023	0.71m
NAD ACEH-UTARA T	0518Z	04Oct2023	3.00m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0520Z	04Oct2023	0.70m
MUARASIBERUT	0522Z	04Oct2023	0.57m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0524Z	04Oct2023	0.86m
NAD ACEH-TIMUR	0542Z	04Oct2023	1.68m
NAD ACEH-SINGKIL	0550Z	04Oct2023	0.78m
SUMUT TAPANULI-SELATAN	0602Z	04Oct2023	1.16m
SUMUT TAPANULI-TENGAH U	0602Z	04Oct2023	1.15m
NIAS-EAST	0612Z	04Oct2023	0.97m
SUMUT MANDAILING-NATAL U	0628Z	04Oct2023	1.03m
BENGKULU BENGKULU-UTARA S	0630Z	04Oct2023	0.87m
SOUTH OF BODAHAYIONE	0630Z	04Oct2023	0.67m
SUMUT TAPANULI-TENGAH S	0640Z	04Oct2023	1.00m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0650Z	04Oct2023	0.89m
NAD KOTA-LANGSA	0702Z	04Oct2023	1.20m
NAD ACEH-TAMIAN	0726Z	04Oct2023	1.03m
JABAR SUKABUMI PELABUHAN-RATU	0758Z	04Oct2023	1.19m
SUMUT LANGKAT	0802Z	04Oct2023	1.06m
BELAWAN	0828Z	04Oct2023	1.03m
SUMUT DELISERDANG	0840Z	04Oct2023	0.84m
SUMUT SERDANG-BEDAGAI	0858Z	04Oct2023	0.84m
BENGKULU SELUMA	0908Z	04Oct2023	0.76m
NIAS-NORTH	0946Z	04Oct2023	0.69m
BENGKULU BENGKULU-UTARA P.ENGGANO	1022Z	04Oct2023	0.58m
SUMUT MANDAILING-NATAL S	1030Z	04Oct2023	0.87m
SUMBAR KOTA-PADANG U	1032Z	04Oct2023	0.65m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1042Z	04Oct2023	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	1056Z	04Oct2023	0.56m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1058Z	04Oct2023	0.53m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1058Z	04Oct2023	0.86m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1100Z	04Oct2023	0.60m
BENGKULU BENGKULU-UTARA U	1104Z	04Oct2023	0.52m
LABUHAN BATU	1128Z	04Oct2023	0.62m
BANTEN SERANG B	1142Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1142Z	04Oct2023	0.51m
BANTEN KOTA-CILEGON P.SANGIANG	1142Z	04Oct2023	0.51m
LAMPUNG TANGGAMUS T	1142Z	04Oct2023	0.81m
SUMUT ASAHAN	1230Z	04Oct2023	0.79m
BANTEN LEBAK	1358Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1406Z	04Oct2023	0.53m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN B	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1414Z	04Oct2023	0.57m
LAMPUNG TANGGAMUS B	1430Z	04Oct2023	0.50m
SUMBAR AGAM	1456Z	04Oct2023	0.52m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1506Z	04Oct2023	0.52m
DUMAI	1628Z	04Oct2023	0.52m
BANTEN PANDEGLANG U	1808Z	04Oct2023	0.54m
JATENG CILACAP	1834Z	04Oct2023	0.52m

KENYA

KIWAYU	1212Z	04Oct2023	1.74m
KIPINI	1236Z	04Oct2023	1.31m
MVULENI	1236Z	04Oct2023	1.24m
MALINDI	1238Z	04Oct2023	1.84m
TAKAUNGU	1240Z	04Oct2023	1.87m
KISIMACHANDE	1244Z	04Oct2023	1.47m

MADAGASCAR

VOHEMAR	1130Z	04Oct2023	1.08m
ANOROTSANGANA	1132Z	04Oct2023	1.10m
AMBAHY	1202Z	04Oct2023	1.05m
TOAMASINA AIRPORT	1204Z	04Oct2023	0.55m
FARAFAGANA	1212Z	04Oct2023	1.64m
MANANTENINA	1214Z	04Oct2023	0.86m
TAMPOLO	1300Z	04Oct2023	1.07m
SAMPONA	1412Z	04Oct2023	1.11m
BALY	1426Z	04Oct2023	0.63m

MALAYSIA

SATUN	0744Z	04Oct2023	1.55m
YAN	0754Z	04Oct2023	0.76m
SEBERANG PERAI SELATAN	0818Z	04Oct2023	0.76m
WEST OF ALOR SETAR	0822Z	04Oct2023	1.13m
KUALA MUDA	0822Z	04Oct2023	1.13m
SEBERANG PERAI UTARA & BARAT DAYA	0828Z	04Oct2023	1.13m
KERIAN	0842Z	04Oct2023	1.02m
LARUT AND MATANG	0848Z	04Oct2023	1.05m
MANJUNG	0912Z	04Oct2023	1.02m
HILIR PERAK	1030Z	04Oct2023	0.81m
SABAK BERNAM	1110Z	04Oct2023	0.68m
KUALA SELANGOR	1136Z	04Oct2023	0.77m

MALDIVES

KOLHUFUSHI	0704Z	04Oct2023	5.82m
MALE	0704Z	04Oct2023	6.18m
DHIYAMIGILI	0706Z	04Oct2023	6.55m
THINADHOO	0706Z	04Oct2023	5.78m
KULHUDUFFUSHI	0706Z	04Oct2023	3.76m
HITHADHOO	0710Z	04Oct2023	4.46m
GOIDHOO	0720Z	04Oct2023	3.36m
NILANDHOO	0726Z	04Oct2023	9.71m
FERIDHOO	0734Z	04Oct2023	3.17m

MAURITIUS

LA FERME	0944Z	04Oct2023	1.17m
CARGADOS CARAJOS	1016Z	04Oct2023	1.60m
GRANDE REVIERE SUD EST-EAST	1032Z	04Oct2023	0.74m
AGALEGA ISLAND	1040Z	04Oct2023	0.74m
GRANDE REVIERE SUD EST-WEST	1052Z	04Oct2023	0.72m

MOZAMBIQUE

MAGANJA	1248Z	04Oct2023	1.35m
MERONVI	1256Z	04Oct2023	1.09m
QUITERAJO	1258Z	04Oct2023	0.70m
TAVARI	1302Z	04Oct2023	0.69m
PEMBA	1304Z	04Oct2023	0.71m
MURREBUE	1304Z	04Oct2023	0.84m
MECUFI	1306Z	04Oct2023	0.85m
LURIO	1308Z	04Oct2023	0.91m
NANGATA	1312Z	04Oct2023	0.73m

MINHAUINE	1314Z	04Oct2023	0.77m
LUMBO	1314Z	04Oct2023	0.52m
XAI-XAI	1552Z	04Oct2023	0.52m

MYANMAR

LITTLE COCO ISLAND	0456Z	04Oct2023	1.98m
PREPARIS ISLAND	0508Z	04Oct2023	2.00m
GREAT WESTERN TORRES ISLAND	0532Z	04Oct2023	3.25m
KYWEGYAUNG	0534Z	04Oct2023	1.45m
KHEDUBA ISLAND	0542Z	04Oct2023	2.34m
THAN KYUN	0542Z	04Oct2023	4.59m
LORD LOUGHBOROUGH ISLAND	0544Z	04Oct2023	4.55m
MAWYEN	0546Z	04Oct2023	2.56m
MAGYIGYAING	0552Z	04Oct2023	1.93m
SITTWE	0612Z	04Oct2023	1.86m
THAWINCHAUNG	0614Z	04Oct2023	1.53m
KYAUKPYU	0616Z	04Oct2023	2.11m
MALI KYUN	0644Z	04Oct2023	1.98m
PHARPON	0656Z	04Oct2023	2.85m
YE	0712Z	04Oct2023	2.23m
YANGON-S	0720Z	04Oct2023	1.23m

OMAN

HASIK	1056Z	04Oct2023	0.77m
AL JAZER	1100Z	04Oct2023	0.60m
AD DUQM	1102Z	04Oct2023	0.74m
TAQAH	1112Z	04Oct2023	1.35m
MIRBAT	1112Z	04Oct2023	0.94m
RAS AR RUWAYS	1112Z	04Oct2023	0.55m
AL ASHKHARAH	1114Z	04Oct2023	0.52m
SALALAH	1120Z	04Oct2023	1.02m
MASIRAH	1148Z	04Oct2023	0.65m

PAKISTAN

ORMARA	1140Z	04Oct2023	0.52m
SINDH	1542Z	04Oct2023	0.56m
KARACHI	1806Z	04Oct2023	0.52m

SEYCHELLES

FREGATE ISLAND	1008Z	04Oct2023	1.69m
COETIVY ISLAND	1014Z	04Oct2023	0.90m
TAKAMAKA	1028Z	04Oct2023	1.86m
ILE DESROCHES	1040Z	04Oct2023	1.14m
ALPHONSE ISLAND	1054Z	04Oct2023	0.54m
ASTOVE ISLAND	1142Z	04Oct2023	0.65m
ALDABRA	1150Z	04Oct2023	0.79m
FARQUHAR GROUP	1208Z	04Oct2023	0.86m

SOMALIA

BANDER-BEYLA	1102Z	04Oct2023	3.15m
EYL	1108Z	04Oct2023	2.89m
TOOXIN	1110Z	04Oct2023	2.39m
JARIIBAN	1114Z	04Oct2023	2.71m
GALDOGOB	1114Z	04Oct2023	2.93m
XARARDHEERE	1120Z	04Oct2023	2.62m
ITALA	1122Z	04Oct2023	2.31m
CEEL DHEER	1122Z	04Oct2023	2.41m
MAREEG	1124Z	04Oct2023	2.32m
ABO	1126Z	04Oct2023	1.42m
UARSCIECH	1130Z	04Oct2023	2.31m
MUQDISHO	1134Z	04Oct2023	2.44m

IOC Technical Series, 181 (I) Supplement 1
page 52

BEYNAX BARRE	1144Z	04Oct2023	2.18m
BARAAWE	1148Z	04Oct2023	2.00m
TURDHO	1156Z	04Oct2023	1.99m
JILIB	1156Z	04Oct2023	1.45m
NE BEERNAASI	1202Z	04Oct2023	1.96m
KAAMBOONI	1210Z	04Oct2023	2.25m

SOUTH AFRICA

FUNK SEAMOUNT	1548Z	04Oct2023	0.65m
MARGATE	2040Z	04Oct2023	0.56m

SRI LANKA

POTTUVIL	0536Z	04Oct2023	9.36m
BATTICALOA	0536Z	04Oct2023	10.06m
AKKARAI Pattu	0536Z	04Oct2023	9.26m
KATTANKUDI	0540Z	04Oct2023	9.22m
OKANDA	0540Z	04Oct2023	9.25m
KIRINDA	0540Z	04Oct2023	8.21m
ANAITIVU	0542Z	04Oct2023	10.44m
PANKULAM	0542Z	04Oct2023	7.87m
HAMBANTOTA	0546Z	04Oct2023	9.61m
MULLAITTIVU	0546Z	04Oct2023	6.58m
TANGALLE	0550Z	04Oct2023	7.07m
CHUNDIKKULAM	0552Z	04Oct2023	6.51m
MATARA	0554Z	04Oct2023	6.53m
GALLE	0558Z	04Oct2023	6.53m
CHAVAKACHERI	0600Z	04Oct2023	3.41m
AMBALANGODA	0602Z	04Oct2023	4.17m
POINT PEDRO	0606Z	04Oct2023	3.30m
BERUWALA	0612Z	04Oct2023	3.24m
COLOMBO	0618Z	04Oct2023	2.22m
MORATUWA	0620Z	04Oct2023	4.92m
NEGOMBO	0628Z	04Oct2023	3.24m
MUNDAL LAKE	0632Z	04Oct2023	1.92m
MANNAR ISLAND	0642Z	04Oct2023	1.70m
MUSALI	0654Z	04Oct2023	1.29m

TANZANIA

VUMBA	1234Z	04Oct2023	0.82m
VUMBI	1238Z	04Oct2023	0.83m
ZANZIBAR	1240Z	04Oct2023	0.88m
GAZIJA	1244Z	04Oct2023	0.71m
JIMBO	1244Z	04Oct2023	0.96m
KUTANI	1248Z	04Oct2023	1.22m
RUVU	1250Z	04Oct2023	0.80m
MADANGWA	1254Z	04Oct2023	0.83m
WEST TO KONDE	1256Z	04Oct2023	0.91m
MSASANI	1302Z	04Oct2023	0.65m
BOMALANDNI	1318Z	04Oct2023	0.55m
BAGAMOYO	1328Z	04Oct2023	0.58m

THAILAND

THAI MUEANG	0534Z	04Oct2023	7.90m
KO RACHA NOI	0546Z	04Oct2023	4.47m
KOH SURIN TAI	0552Z	04Oct2023	5.09m
KOH LANTA YAI	0622Z	04Oct2023	2.04m
THAI MUEANG_TAKUA PA	0628Z	04Oct2023	7.13m
KOH ROK	0634Z	04Oct2023	1.28m
KOH TARUTAO	0642Z	04Oct2023	1.36m
MUEANG SATUN	0642Z	04Oct2023	1.36m

UNITED KINGDOM
MORESBY ISLAND 0730Z 04Oct2023 5.56m
DIEGO GARCIA 0732Z 04Oct2023 3.23m
NW EGMONT ISLAND 0754Z 04Oct2023 2.17m

YEMEN
SOCOTRA ISLAND SOUTH 1044Z 04Oct2023 3.05m
SOCOTRA ISLAND NORTH 1100Z 04Oct2023 1.26m
SOCOTRA ISLAND WEST 1116Z 04Oct2023 0.76m
DAMQAWT 1128Z 04Oct2023 1.37m
AL GHAYDAH AIRPORT 1130Z 04Oct2023 0.91m
ALQUMRAH 1258Z 04Oct2023 0.51m
HUSWAYN 1300Z 04Oct2023 0.59m
HARRAH 1310Z 04Oct2023 0.54m
MASILAH WADI 1310Z 04Oct2023 0.64m
EAST TO HAMI 1310Z 04Oct2023 0.59m
HAMI 1310Z 04Oct2023 0.52m
KHANFAR 1524Z 04Oct2023 1.17m
ADEN 1528Z 04Oct2023 0.93m
RUDUM 1558Z 04Oct2023 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 IOTWMS-TSP AUSTRALIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>
TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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 IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

BULLETIN 8

IDY68501

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

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TSUNAMI BULLETIN NUMBER 8 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 0840 UTC Wednesday 04 October 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

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

Sabang UTC	INDONESIA	5.80N	95.33E	3.67m	04 Oct 04:30
Port Blair UTC	INDIA	11.70N	92.76E	3.64m	04 Oct 04:39
Deep Ocean Buoy 23227 UTC	BAY OF BENGA	6.26N	88.79E	2.62m	04 Oct 04:41
Telukdalam UTC	INDONESIA	0.50N	97.83E	2.01m	04 Oct 05:08
Nancowry UTC	INDIA	8.10N	93.55E	8.47m	04 Oct 05:08
Meulaboh UTC	INDONESIA	4.17N	96.00E	9.11m	04 Oct 05:14
Deep Ocean Buoy 23218 UTC	BAY OF BENGA	10.00N	88.50E	0.49m	04 Oct 05:16
Ko Taphao Noi UTC	THAILAND	7.80N	98.42E	2.34m	04 Oct 05:41
Trincomalee UTC	SRI LANKA	8.67N	81.33E	4.80m	04 Oct 05:47
Enggano UTC	INDONESIA	5.30S	102.28E	0.90m	04 Oct 06:12
Padang UTC	INDONESIA	1.00S	100.37E	0.83m	04 Oct 06:14

Chennai UTC	INDIA	13.10N	80.30E	6.07m	04 Oct 06:20
Cocos Island. UTC	AUSTRALIA	12.10S	96.89E	1.24m	04 Oct 06:26
Visakhapatnam UTC	INDIA	17.70N	83.28E	3.98m	04 Oct 06:29
Colombo UTC	SRI LANKA	7.00N	79.85E	3.97m	04 Oct 06:32
Seblat UTC	INDONESIA	3.17S	101.50E	1.57m	04 Oct 06:34
Christmas Is UTC	AUSTRALIA	10.40S	105.67E	1.43m	04 Oct 06:45
Sibolga UTC	INDONESIA	1.67N	98.67E	2.77m	04 Oct 06:45
Sittwe UTC	MYANMAR	20.00N	92.83E	2.17m	04 Oct 06:46
Gan UTC	MALDIVES	0.70S	73.15E	5.58m	04 Oct 07:12
Hanimadhoo UTC	MALDIVES	6.80N	73.17E	4.64m	04 Oct 07:18
Tanjung Lesung UTC	INDONESIA	6.50S	105.50E	0.83m	04 Oct 07:19
Kirinda UTC	SRI LANKA	6.20N	81.32E	4.47m	04 Oct 07:21
Deep Ocean Buoy 23223 UTC	BAY OF BENGA	17.33N	89.48E	0.51m	04 Oct 07:21
Minicoy UTC	INDIA	8.30N	73.05E	2.00m	04 Oct 07:24
Langkawi UTC	MALAYSIA	6.50N	99.83E	1.12m	04 Oct 07:28
Marina Jambu UTC	INDONESIA	6.19S	105.83E	0.81m	04 Oct 07:29
Pangandaran UTC	INDONESIA	7.83S	108.50E	0.91m	04 Oct 07:36
Diego Garcia UTC	UK	7.20S	72.43E	3.11m	04 Oct 07:39
Cilacap UTC	INDONESIA	7.80S	109.00E	1.28m	04 Oct 07:41
Sadeng UTC	INDONESIA	8.33S	110.83E	0.89m	04 Oct 07:47
Prigi UTC	INDONESIA	8.33S	111.83E	0.78m	04 Oct 07:58
Cochin UTC	INDIA	10.00N	76.17E	2.40m	04 Oct 08:17
Benoa UTC	INDONESIA	8.83S	115.33E	0.41m	04 Oct 08:31

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

GASCOYNE COAST	1036Z	04Oct2023	0.86m
PILBARA COAST WEST	1242Z	04Oct2023	0.73m
LEEUEWIN COAST	1310Z	04Oct2023	0.73m
AURORA BANK	1418Z	04Oct2023	1.33m
GERALDTON COAST	1502Z	04Oct2023	0.68m
HEARD ISLAND AND MCDONALD ISLANDS	1508Z	04Oct2023	2.01m
PERTH COAST	1744Z	04Oct2023	0.56m
BUNBURY GEOGRAPHE COAST	1754Z	04Oct2023	0.70m
PILBARA COAST EAST	1826Z	04Oct2023	0.60m

BANGLADESH

COXS BAZAR	0640Z	04Oct2023	2.81m
CHALNA	0646Z	04Oct2023	0.89m
KUTUBDIA ISLAND	0652Z	04Oct2023	2.80m
BARGUNA	0652Z	04Oct2023	2.80m

COMOROS

BAMBAO	1220Z	04Oct2023	0.58m
FOMBONI	1226Z	04Oct2023	0.70m
CHEZANI	1226Z	04Oct2023	1.16m

DJIBOUTI

NW ARTA	1356Z	04Oct2023	0.71m
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FRANCE

ILE SAINT-PAUL-NORTH	1048Z	04Oct2023	0.65m
ILE SAINT-PAUL-SOUTH	1100Z	04Oct2023	1.05m
SAINT-DENIS	1104Z	04Oct2023	0.50m
ILE DE LA POSSESSION	1320Z	04Oct2023	1.09m
ILE KERGUELEN	1322Z	04Oct2023	1.04m
CROZET PLATEAU	1330Z	04Oct2023	0.88m

INDIA

NORTH SENTINEL ISLAND	0400Z	04Oct2023	5.42m
LITTLE ANDAMAN	0400Z	04Oct2023	13.72m
CAR NICOBAR	0408Z	04Oct2023	10.60m
KOMATRA & KATCHAL ISLAND	0408Z	04Oct2023	14.39m
INDIRA POINT	0410Z	04Oct2023	12.40m
PORT BLAIR	0414Z	04Oct2023	3.40m
WEST & LANDFALL ISLAND	0432Z	04Oct2023	2.66m
FLAT ISLAND	0432Z	04Oct2023	3.15m
HAVELOCK	0436Z	04Oct2023	4.07m
RANGATH BAY	0450Z	04Oct2023	2.94m
DIGLIPUR	0502Z	04Oct2023	3.87m
NARCONDAM ISLAND	0506Z	04Oct2023	1.52m
MAHABALIPURAM	0600Z	04Oct2023	5.11m
MARAKKANAM	0600Z	04Oct2023	7.70m
KAKINADA	0600Z	04Oct2023	2.49m
CHENNAI	0600Z	04Oct2023	5.11m

PUDUCHERRY	0602Z	04Oct2023	4.86m
SRIHARIKOTA	0602Z	04Oct2023	9.68m
CUDDALORE	0602Z	04Oct2023	5.45m
ENNORE	0604Z	04Oct2023	7.52m
MACHILIPATNAM	0604Z	04Oct2023	4.55m
VISAKHAPATNAM	0606Z	04Oct2023	2.21m
PARADIP	0606Z	04Oct2023	2.31m
POOMBUHAR	0606Z	04Oct2023	4.18m
KALINGAPATNAM	0608Z	04Oct2023	2.41m
KARAIKAL	0608Z	04Oct2023	3.15m
PERUPALEM	0608Z	04Oct2023	3.26m
NAGAPATTINAM	0608Z	04Oct2023	3.59m
MALLIPATTINAM	0608Z	04Oct2023	2.53m
PURI	0608Z	04Oct2023	2.82m
KONADA	0610Z	04Oct2023	2.38m
NIJAMPATTANAM	0610Z	04Oct2023	2.68m
KOTTAPATNAM	0614Z	04Oct2023	3.09m
MUTHUPET	0614Z	04Oct2023	2.26m
GOPALPUR	0618Z	04Oct2023	3.28m
JAMBOO	0624Z	04Oct2023	3.00m
TUTICORIN	0642Z	04Oct2023	1.77m
KOODANKULAM	0650Z	04Oct2023	2.26m
HEMNAGAR	0650Z	04Oct2023	1.01m
RAMESWARAM	0652Z	04Oct2023	1.56m
NAMKHANA	0656Z	04Oct2023	1.48m
DHAMRA	0656Z	04Oct2023	4.73m
KOTTTAIPPATTANAM	0656Z	04Oct2023	1.45m
KANYAKUMARI	0702Z	04Oct2023	2.48m
DIGHA	0704Z	04Oct2023	3.26m
CHANDIPUR	0710Z	04Oct2023	3.18m
TRIVANDRUM	0716Z	04Oct2023	1.53m
QUILON	0718Z	04Oct2023	1.45m
MINICOY	0728Z	04Oct2023	1.49m
ALLEPPEY ALAPPUZHA	0732Z	04Oct2023	1.86m
ANDROTH	0738Z	04Oct2023	0.97m
KAVARATTI	0750Z	04Oct2023	0.95m
AMINI	0758Z	04Oct2023	0.97m
COCHIN	0800Z	04Oct2023	1.33m
VADANAPPALLY	0800Z	04Oct2023	1.04m
AGATTI	0802Z	04Oct2023	1.10m
VAKKAD	0810Z	04Oct2023	0.87m
BEYPORE	0822Z	04Oct2023	0.84m
KANNUR	0832Z	04Oct2023	1.08m
MAHE	0838Z	04Oct2023	0.99m
KASARAGOD	0840Z	04Oct2023	1.17m
MALVAN BAY	1028Z	04Oct2023	0.77m
VASCO	1034Z	04Oct2023	0.85m
PANAJI	1048Z	04Oct2023	0.91m
KARWAR	1052Z	04Oct2023	1.14m
MANGALORE	1102Z	04Oct2023	1.01m
UDUPI	1118Z	04Oct2023	1.13m
JAIGARH	1138Z	04Oct2023	0.66m
DWARKA	1636Z	04Oct2023	0.55m
ALIBAG PORT	2026Z	04Oct2023	0.63m
MUMBAI	2026Z	04Oct2023	0.63m
JAMNAGAR	2032Z	04Oct2023	0.55m
HAZIRA, DIU	0334Z	05Oct2023	0.80m
INDONESIA			
NAD ACEH-JAYA	0420Z	04Oct2023	14.60m
NAD ACEH-BESAR B	0422Z	04Oct2023	16.46m

NAD SIMEULUE P.SIMEULUE	0422Z	04Oct2023	3.25m
NAD ACEH-BESAR P.PENASI	0424Z	04Oct2023	17.78m
NAD ACEH-BESAR P.BREUEH	0424Z	04Oct2023	19.18m
NAD KOTA-SABANG P.WEH	0426Z	04Oct2023	11.39m
NAD KOTA-BANDA-ACEH	0426Z	04Oct2023	10.84m
NAD ACEH-BARAT	0432Z	04Oct2023	8.93m
SUMUT NIAS B	0438Z	04Oct2023	1.57m
NAD ACEH-BESAR U	0442Z	04Oct2023	7.26m
NAD NAGAN-RAYA	0442Z	04Oct2023	3.92m
NAD ACEH-SINGKIL KEP.BANYAK	0442Z	04Oct2023	2.10m
NAD PIDIE	0446Z	04Oct2023	3.82m
GUNUNGSITOLI	0448Z	04Oct2023	1.08m
SUMUT NIAS-SELATAN P.NIAS	0448Z	04Oct2023	1.71m
NAD ACEH-BARAT-DAYA	0452Z	04Oct2023	2.65m
SUMUT NIAS-SELATAN P.TANAHMASA	0458Z	04Oct2023	1.03m
NAD ACEH-SELATAN U	0458Z	04Oct2023	1.83m
NAD BIREUEN	0500Z	04Oct2023	4.16m
SUMUT NIAS-SELATAN P.TANABALA	0502Z	04Oct2023	1.19m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0506Z	04Oct2023	1.24m
NAD KOTA-LHOKSEUMAWA	0508Z	04Oct2023	2.72m
NAD ACEH-UTARA B	0508Z	04Oct2023	4.16m
NAD ACEH-SELATAN S	0510Z	04Oct2023	1.91m
NIAS	0516Z	04Oct2023	0.71m
NAD ACEH-UTARA T	0518Z	04Oct2023	3.00m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0520Z	04Oct2023	0.70m
MUARASIBERUT	0522Z	04Oct2023	0.57m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0524Z	04Oct2023	0.86m
NAD ACEH-TIMUR	0542Z	04Oct2023	1.68m
NAD ACEH-SINGKIL	0550Z	04Oct2023	0.78m
SUMUT TAPANULI-SELATAN	0602Z	04Oct2023	1.16m
SUMUT TAPANULI-TENGAH U	0602Z	04Oct2023	1.15m
NIAS-EAST	0612Z	04Oct2023	0.97m
SUMUT MANDAILING-NATAL U	0628Z	04Oct2023	1.03m
BENGKULU BENGKULU-UTARA S	0630Z	04Oct2023	0.87m
SOUTH OF BODAHAYIONE	0630Z	04Oct2023	0.67m
SUMUT TAPANULI-TENGAH S	0640Z	04Oct2023	1.00m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0650Z	04Oct2023	0.89m
NAD KOTA-LANGSA	0702Z	04Oct2023	1.20m
NAD ACEH-TAMIANG	0726Z	04Oct2023	1.03m
JABAR SUKABUMI PELABUHAN-RATU	0758Z	04Oct2023	1.19m
SUMUT LANGKAT	0802Z	04Oct2023	1.06m
BELAWAN	0828Z	04Oct2023	1.03m
SUMUT DELISERDANG	0840Z	04Oct2023	0.84m
SUMUT SERDANG-BEDAGAI	0858Z	04Oct2023	0.84m
BENGKULU SELUMA	0908Z	04Oct2023	0.76m
NIAS-NORTH	0946Z	04Oct2023	0.69m
BENGKULU BENGKULU-UTARA P.ENGGANO	1022Z	04Oct2023	0.58m
SUMUT MANDAILING-NATAL S	1030Z	04Oct2023	0.87m
SUMBAR KOTA-PADANG U	1032Z	04Oct2023	0.65m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1042Z	04Oct2023	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	1056Z	04Oct2023	0.56m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1058Z	04Oct2023	0.53m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1058Z	04Oct2023	0.86m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1100Z	04Oct2023	0.60m
BENGKULU BENGKULU-UTARA U	1104Z	04Oct2023	0.52m
LABUHAN BATU	1128Z	04Oct2023	0.62m
BANTEN SERANG B	1142Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1142Z	04Oct2023	0.51m
BANTEN KOTA-CILEGON P.SANGIANG	1142Z	04Oct2023	0.51m
LAMPUNG TANGGAMUS T	1142Z	04Oct2023	0.81m
SUMUT ASAHAN	1230Z	04Oct2023	0.79m

BANTEN LEBAK	1358Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1406Z	04Oct2023	0.53m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN B	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1414Z	04Oct2023	0.57m
LAMPUNG TANGGAMUS B	1430Z	04Oct2023	0.50m
SUMBAR AGAM	1456Z	04Oct2023	0.52m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1506Z	04Oct2023	0.52m
DUMAI	1628Z	04Oct2023	0.52m
BANTEN PANDEGLANG U	1808Z	04Oct2023	0.54m
JATENG CILACAP	1834Z	04Oct2023	0.52m

KENYA

KIWAYU	1212Z	04Oct2023	1.74m
KIPINI	1236Z	04Oct2023	1.31m
MVULENI	1236Z	04Oct2023	1.24m
MALINDI	1238Z	04Oct2023	1.84m
TAKAUNGU	1240Z	04Oct2023	1.87m
KISIMACHANDE	1244Z	04Oct2023	1.47m

MADAGASCAR

VOHEMAR	1130Z	04Oct2023	1.08m
ANOROTSANGANA	1132Z	04Oct2023	1.10m
AMBAHY	1202Z	04Oct2023	1.05m
TOAMASINA AIRPORT	1204Z	04Oct2023	0.55m
FARAFAGANA	1212Z	04Oct2023	1.64m
MANANTENINA	1214Z	04Oct2023	0.86m
TAMPOLO	1300Z	04Oct2023	1.07m
SAMPONA	1412Z	04Oct2023	1.11m
BALY	1426Z	04Oct2023	0.63m

MALAYSIA

SATUN	0744Z	04Oct2023	1.55m
YAN	0754Z	04Oct2023	0.76m
SEBERANG PERAI SELATAN	0818Z	04Oct2023	0.76m
WEST OF ALOR SETAR	0822Z	04Oct2023	1.13m
KUALA MUDA	0822Z	04Oct2023	1.13m
SEBERANG PERAI UTARA & BARAT DAYA	0828Z	04Oct2023	1.13m
KERIAN	0842Z	04Oct2023	1.02m
LARUT AND MATANG	0848Z	04Oct2023	1.05m
MANJUNG	0912Z	04Oct2023	1.02m
HILIR PERAK	1030Z	04Oct2023	0.81m
SABAK BERNAM	1110Z	04Oct2023	0.68m
KUALA SELANGOR	1136Z	04Oct2023	0.77m

MALDIVES

KOLHUFUSHI	0704Z	04Oct2023	5.82m
MALE	0704Z	04Oct2023	6.18m
DHIYAMIGILI	0706Z	04Oct2023	6.55m
THINADHOO	0706Z	04Oct2023	5.78m
KULHUDUFFUSHI	0706Z	04Oct2023	3.76m
HITHADHOO	0710Z	04Oct2023	4.46m
GOIDHOO	0720Z	04Oct2023	3.36m
NILANDHOO	0726Z	04Oct2023	9.71m
FERIDHOO	0734Z	04Oct2023	3.17m

MAURITIUS

LA FERME	0944Z	04Oct2023	1.17m
CARGADOS CARAJOS	1016Z	04Oct2023	1.60m
GRANDE REVIERE SUD EST-EAST	1032Z	04Oct2023	0.74m
AGALEGA ISLAND	1040Z	04Oct2023	0.74m

IOC Technical Series, 181 (I) Supplement 1
page 60

GRANDE REVIERE SUD EST-WEST 1052Z 04Oct2023 0.72m

MOZAMBIQUE

MAGANJA 1248Z 04Oct2023 1.35m
MERONVI 1256Z 04Oct2023 1.09m
QUITERAJO 1258Z 04Oct2023 0.70m
TAVARI 1302Z 04Oct2023 0.69m
PEMBA 1304Z 04Oct2023 0.71m
MURREBUE 1304Z 04Oct2023 0.84m
MECUFI 1306Z 04Oct2023 0.85m
LURIO 1308Z 04Oct2023 0.91m
NANGATA 1312Z 04Oct2023 0.73m
MINHAUINE 1314Z 04Oct2023 0.77m
LUMBO 1314Z 04Oct2023 0.52m
XAI-XAI 1552Z 04Oct2023 0.52m

MYANMAR

LITTLE COCO ISLAND 0456Z 04Oct2023 1.98m
PREPARIS ISLAND 0508Z 04Oct2023 2.00m
GREAT WESTERN TORRES ISLAND 0532Z 04Oct2023 3.25m
KYWEGYAUNG 0534Z 04Oct2023 1.45m
CHEDUBA ISLAND 0542Z 04Oct2023 2.34m
THAN KYUN 0542Z 04Oct2023 4.59m
LORD LOUGHBOROUGH ISLAND 0544Z 04Oct2023 4.55m
MAWYEN 0546Z 04Oct2023 2.56m
MAGYIGYAING 0552Z 04Oct2023 1.93m
SITTWE 0612Z 04Oct2023 1.86m
THAWINCHAUNG 0614Z 04Oct2023 1.53m
KYAUKPYU 0616Z 04Oct2023 2.11m
MALI KYUN 0644Z 04Oct2023 1.98m
PHARPON 0656Z 04Oct2023 2.85m
YE 0712Z 04Oct2023 2.23m
YANGON-S 0720Z 04Oct2023 1.23m

OMAN

HASIK 1056Z 04Oct2023 0.77m
AL JAZER 1100Z 04Oct2023 0.60m
AD DUQM 1102Z 04Oct2023 0.74m
TAQAH 1112Z 04Oct2023 1.35m
MIRBAT 1112Z 04Oct2023 0.94m
RAS AR RUWAYS 1112Z 04Oct2023 0.55m
AL ASHKHARAH 1114Z 04Oct2023 0.52m
SALALAH 1120Z 04Oct2023 1.02m
MASIRAH 1148Z 04Oct2023 0.65m

PAKISTAN

ORMARA 1140Z 04Oct2023 0.52m
SINDH 1542Z 04Oct2023 0.56m
KARACHI 1806Z 04Oct2023 0.52m

SEYCHELLES

FREGATE ISLAND 1008Z 04Oct2023 1.69m
COETIVY ISLAND 1014Z 04Oct2023 0.90m
TAKAMAKA 1028Z 04Oct2023 1.86m
ILE DESROCHES 1040Z 04Oct2023 1.14m
ALPHONSE ISLAND 1054Z 04Oct2023 0.54m
ASTOVE ISLAND 1142Z 04Oct2023 0.65m
ALDABRA 1150Z 04Oct2023 0.79m
FARQUHAR GROUP 1208Z 04Oct2023 0.86m

SOMALIA

BANDER-BEYLA	1102Z	04Oct2023	3.15m
EYL	1108Z	04Oct2023	2.89m
TOOXIN	1110Z	04Oct2023	2.39m
JARIIBAN	1114Z	04Oct2023	2.71m
GALDOGOB	1114Z	04Oct2023	2.93m
XARARDHEERE	1120Z	04Oct2023	2.62m
ITALA	1122Z	04Oct2023	2.31m
CEEL DHEER	1122Z	04Oct2023	2.41m
MAREEG	1124Z	04Oct2023	2.32m
ABO	1126Z	04Oct2023	1.42m
UARSCIECH	1130Z	04Oct2023	2.31m
MUQDISHO	1134Z	04Oct2023	2.44m
BEYNAX BARRE	1144Z	04Oct2023	2.18m
BARAAWE	1148Z	04Oct2023	2.00m
TURDHO	1156Z	04Oct2023	1.99m
JILIB	1156Z	04Oct2023	1.45m
NE BEERNAASI	1202Z	04Oct2023	1.96m
KAAMBOONI	1210Z	04Oct2023	2.25m
SOUTH AFRICA			
FUNK SEAMOUNT	1548Z	04Oct2023	0.65m
MARGATE	2040Z	04Oct2023	0.56m
SRI LANKA			
POTTUVIL	0536Z	04Oct2023	9.36m
BATTICALOA	0536Z	04Oct2023	10.06m
AKKARAIATTU	0536Z	04Oct2023	9.26m
KATTANKUDI	0540Z	04Oct2023	9.22m
OKANDA	0540Z	04Oct2023	9.25m
KIRINDA	0540Z	04Oct2023	8.21m
ANAITIVU	0542Z	04Oct2023	10.44m
PANKULAM	0542Z	04Oct2023	7.87m
HAMBANTOTA	0546Z	04Oct2023	9.61m
MULLAITTIVU	0546Z	04Oct2023	6.58m
TANGALLE	0550Z	04Oct2023	7.07m
CHUNDIKKULAM	0552Z	04Oct2023	6.51m
MATARA	0554Z	04Oct2023	6.53m
GALLE	0558Z	04Oct2023	6.53m
CHAVAKACHCHERI	0600Z	04Oct2023	3.41m
AMBALANGODA	0602Z	04Oct2023	4.17m
POINT PEDRO	0606Z	04Oct2023	3.30m
BERUWALA	0612Z	04Oct2023	3.24m
COLOMBO	0618Z	04Oct2023	2.22m
MORATUWA	0620Z	04Oct2023	4.92m
NEGOMBO	0628Z	04Oct2023	3.24m
MUNDAL LAKE	0632Z	04Oct2023	1.92m
MANNAR ISLAND	0642Z	04Oct2023	1.70m
MUSALI	0654Z	04Oct2023	1.29m
TANZANIA			
VUMBA	1234Z	04Oct2023	0.82m
VUMBI	1238Z	04Oct2023	0.83m
ZANZIBAR	1240Z	04Oct2023	0.88m
GAZIJA	1244Z	04Oct2023	0.71m
JIMBO	1244Z	04Oct2023	0.96m
KUTANI	1248Z	04Oct2023	1.22m
RUVU	1250Z	04Oct2023	0.80m
MADANGWA	1254Z	04Oct2023	0.83m
WEST TO KONDE	1256Z	04Oct2023	0.91m
MSASANI	1302Z	04Oct2023	0.65m
BOMALANDNI	1318Z	04Oct2023	0.55m

BAGAMOYO 1328Z 04Oct2023 0.58m

THAILAND

THAI MUEANG 0534Z 04Oct2023 7.90m
KO RACHA NOI 0546Z 04Oct2023 4.47m
KOH SURIN TAI 0552Z 04Oct2023 5.09m
KOH LANTA YAI 0622Z 04Oct2023 2.04m
THAI MUEANG_TAKUA PA 0628Z 04Oct2023 7.13m
KOH ROK 0634Z 04Oct2023 1.28m
KOH TARUTAO 0642Z 04Oct2023 1.36m
MUEANG SATUN 0642Z 04Oct2023 1.36m

UNITED KINGDOM

MORESBY ISLAND 0730Z 04Oct2023 5.56m
DIEGO GARCIA 0732Z 04Oct2023 3.23m
NW EGMONT ISLAND 0754Z 04Oct2023 2.17m

YEMEN

SOCOTRA ISLAND SOUTH 1044Z 04Oct2023 3.05m
SOCOTRA ISLAND NORTH 1100Z 04Oct2023 1.26m
SOCOTRA ISLAND WEST 1116Z 04Oct2023 0.76m
DAMQAWT 1128Z 04Oct2023 1.37m
AL GHAYDAH AIRPORT 1130Z 04Oct2023 0.91m
ALQUMRAH 1258Z 04Oct2023 0.51m
HUSWAYN 1300Z 04Oct2023 0.59m
HARRAH 1310Z 04Oct2023 0.54m
MASILAH WADI 1310Z 04Oct2023 0.64m
EAST TO HAMI 1310Z 04Oct2023 0.59m
HAMI 1310Z 04Oct2023 0.52m
KHANFAR 1524Z 04Oct2023 1.17m
ADEN 1528Z 04Oct2023 0.93m
RUDUM 1558Z 04Oct2023 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 IOTWMS-TSP AUSTRALIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

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

TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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 IOWAVE23 - NOT A REAL TSUNAMI EVENT
#

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BULLETIN 9

IDY68501

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

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TSUNAMI BULLETIN NUMBER 9 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 0940 UTC Wednesday 04 October 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

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

Sabang UTC	INDONESIA	5.80N	95.33E	3.67m	04 Oct 04:30
Port Blair UTC	INDIA	11.70N	92.76E	3.64m	04 Oct 04:39
Deep Ocean Buoy 23227 UTC	BAY OF BENGA	6.26N	88.79E	2.62m	04 Oct 04:41
Telukdalam UTC	INDONESIA	0.50N	97.83E	2.01m	04 Oct 05:08
Nancowry UTC	INDIA	8.10N	93.55E	8.47m	04 Oct 05:08
Meulaboh UTC	INDONESIA	4.17N	96.00E	9.11m	04 Oct 05:14
Deep Ocean Buoy 23218 UTC	BAY OF BENGA	10.00N	88.50E	0.49m	04 Oct 05:16
Ko Taphao Noi UTC	THAILAND	7.80N	98.42E	2.34m	04 Oct 05:41
Trincomalee UTC	SRI LANKA	8.67N	81.33E	4.80m	04 Oct 05:47
Enggano UTC	INDONESIA	5.30S	102.28E	0.90m	04 Oct 06:12
Padang UTC	INDONESIA	1.00S	100.37E	0.83m	04 Oct 06:14

Chennai UTC	INDIA	13.10N	80.30E	6.07m	04 Oct 06:20
Cocos Island. UTC	AUSTRALIA	12.10S	96.89E	1.24m	04 Oct 06:26
Visakhapatnam UTC	INDIA	17.70N	83.28E	3.98m	04 Oct 06:29
Colombo UTC	SRI LANKA	7.00N	79.85E	3.97m	04 Oct 06:32
Seblat UTC	INDONESIA	3.17S	101.50E	1.57m	04 Oct 06:34
Christmas Is UTC	AUSTRALIA	10.40S	105.67E	1.43m	04 Oct 06:45
Sibolga UTC	INDONESIA	1.67N	98.67E	2.77m	04 Oct 06:45
Sittwe UTC	MYANMAR	20.00N	92.83E	2.17m	04 Oct 06:46
Gan UTC	MALDIVES	0.70S	73.15E	5.58m	04 Oct 07:12
Hanimadhoo UTC	MALDIVES	6.80N	73.17E	4.64m	04 Oct 07:18
Tanjung Lesung UTC	INDONESIA	6.50S	105.50E	0.83m	04 Oct 07:19
Kirinda UTC	SRI LANKA	6.20N	81.32E	4.47m	04 Oct 07:21
Deep Ocean Buoy 23223 UTC	BAY OF BENGA	17.33N	89.48E	0.51m	04 Oct 07:21
Minicoy UTC	INDIA	8.30N	73.05E	2.00m	04 Oct 07:24
Langkawi UTC	MALAYSIA	6.50N	99.83E	1.12m	04 Oct 07:28
Marina Jambu UTC	INDONESIA	6.19S	105.83E	0.81m	04 Oct 07:29
Pangandaran UTC	INDONESIA	7.83S	108.50E	0.91m	04 Oct 07:36
Diego Garcia UTC	UK	7.20S	72.43E	3.11m	04 Oct 07:39
Cilacap UTC	INDONESIA	7.80S	109.00E	1.28m	04 Oct 07:41
Sadeng UTC	INDONESIA	8.33S	110.83E	0.89m	04 Oct 07:47
Prigi UTC	INDONESIA	8.33S	111.83E	0.78m	04 Oct 07:58
Cochin UTC	INDIA	10.00N	76.17E	2.40m	04 Oct 08:17
Benoa UTC	INDONESIA	8.83S	115.33E	0.41m	04 Oct 08:31
Lembar UTC	INDONESIA	8.70S	116.07E	0.26m	04 Oct 08:54
Point Murat UTC	AUSTRALIA	21.80S	114.19E	1.06m	04 Oct 09:24

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

GASCOYNE COAST	1036Z	04Oct2023	0.86m
PILBARA COAST WEST	1242Z	04Oct2023	0.73m
LEEUEWIN COAST	1310Z	04Oct2023	0.73m
AURORA BANK	1418Z	04Oct2023	1.33m
GERALDTON COAST	1502Z	04Oct2023	0.68m
HEARD ISLAND AND MCDONALD ISLANDS	1508Z	04Oct2023	2.01m
PERTH COAST	1744Z	04Oct2023	0.56m
BUNBURY GEOGRAPHE COAST	1754Z	04Oct2023	0.70m
PILBARA COAST EAST	1826Z	04Oct2023	0.60m

BANGLADESH

COXS BAZAR	0640Z	04Oct2023	2.81m
CHALNA	0646Z	04Oct2023	0.89m
KUTUBDIA ISLAND	0652Z	04Oct2023	2.80m
BARGUNA	0652Z	04Oct2023	2.80m

COMOROS

BAMBAO	1220Z	04Oct2023	0.58m
FOMBONI	1226Z	04Oct2023	0.70m
CHEZANI	1226Z	04Oct2023	1.16m

DJIBOUTI

NW ARTA	1356Z	04Oct2023	0.71m
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FRANCE

ILE SAINT-PAUL-NORTH	1048Z	04Oct2023	0.65m
ILE SAINT-PAUL-SOUTH	1100Z	04Oct2023	1.05m
SAINT-DENIS	1104Z	04Oct2023	0.50m
ILE DE LA POSSESSION	1320Z	04Oct2023	1.09m
ILE KERGUELEN	1322Z	04Oct2023	1.04m
CROZET PLATEAU	1330Z	04Oct2023	0.88m

INDIA

LITTLE ANDAMAN	0400Z	04Oct2023	13.72m
NORTH SENTINEL ISLAND	0400Z	04Oct2023	5.42m
CAR NICOBAR	0408Z	04Oct2023	10.60m
KOMATRA & KATCHAL ISLAND	0408Z	04Oct2023	14.39m
INDIRA POINT	0410Z	04Oct2023	12.40m
PORT BLAIR	0414Z	04Oct2023	3.40m
FLAT ISLAND	0432Z	04Oct2023	3.15m
WEST & LANDFALL ISLAND	0432Z	04Oct2023	2.66m
HAVELOCK	0436Z	04Oct2023	4.07m
RANGATH BAY	0450Z	04Oct2023	2.94m
DIGLIPUR	0502Z	04Oct2023	3.87m
NARCONDAM ISLAND	0506Z	04Oct2023	1.52m

MAHABALIPURAM	0600Z	04Oct2023	5.11m
MARAKKANAM	0600Z	04Oct2023	7.70m
KAKINADA	0600Z	04Oct2023	2.49m
CHENNAI	0600Z	04Oct2023	5.11m
PUDUCHERRY	0602Z	04Oct2023	4.86m
CUDDALORE	0602Z	04Oct2023	5.45m
SRIHARIKOTA	0602Z	04Oct2023	9.68m
ENNORE	0604Z	04Oct2023	7.52m
MACHILIPATNAM	0604Z	04Oct2023	4.55m
VISAKHAPATNAM	0606Z	04Oct2023	2.21m
POOMBUHAR	0606Z	04Oct2023	4.18m
PARADIP	0606Z	04Oct2023	2.31m
KALINGAPATNAM	0608Z	04Oct2023	2.41m
MALLIPATTINAM	0608Z	04Oct2023	2.53m
PURI	0608Z	04Oct2023	2.82m
PERUPALEM	0608Z	04Oct2023	3.26m
KARAIKAL	0608Z	04Oct2023	3.15m
NAGAPATTINAM	0608Z	04Oct2023	3.59m
KONADA	0610Z	04Oct2023	2.38m
NIJAMPATTANAM	0610Z	04Oct2023	2.68m
MUTHUPET	0614Z	04Oct2023	2.26m
KOTTAPATNAM	0614Z	04Oct2023	3.09m
GOPALPUR	0618Z	04Oct2023	3.28m
JAMBOO	0624Z	04Oct2023	3.00m
TUTICORIN	0642Z	04Oct2023	1.77m
KOODANKULAM	0650Z	04Oct2023	2.26m
HEMNAGAR	0650Z	04Oct2023	1.01m
RAMESWARAM	0652Z	04Oct2023	1.56m
DHAMRA	0656Z	04Oct2023	4.73m
NAMKHANA	0656Z	04Oct2023	1.48m
KOTTTAIPPATTANAM	0656Z	04Oct2023	1.45m
KANYAKUMARI	0702Z	04Oct2023	2.48m
DIGHA	0704Z	04Oct2023	3.26m
CHANDIPUR	0710Z	04Oct2023	3.18m
TRIVANDRUM	0716Z	04Oct2023	1.53m
QUILON	0718Z	04Oct2023	1.45m
ALLEPPEY ALAPPUZHA	0732Z	04Oct2023	1.86m
ANDROTH	0738Z	04Oct2023	0.97m
KAVARATTI	0750Z	04Oct2023	0.95m
AMINI	0758Z	04Oct2023	0.97m
VADANAPPALLY	0800Z	04Oct2023	1.04m
COCHIN	0800Z	04Oct2023	1.33m
AGATTI	0802Z	04Oct2023	1.10m
VAKKAD	0810Z	04Oct2023	0.87m
BEYPORE	0822Z	04Oct2023	0.84m
KANNUR	0832Z	04Oct2023	1.08m
MAHE	0838Z	04Oct2023	0.99m
KASARAGOD	0840Z	04Oct2023	1.17m
MALVAN BAY	1028Z	04Oct2023	0.77m
VASCO	1034Z	04Oct2023	0.85m
PANAJI	1048Z	04Oct2023	0.91m
KARWAR	1052Z	04Oct2023	1.14m
MANGALORE	1102Z	04Oct2023	1.01m
UDUPI	1118Z	04Oct2023	1.13m
JAIGARH	1138Z	04Oct2023	0.66m
DWARKA	1636Z	04Oct2023	0.55m
ALIBAG PORT	2026Z	04Oct2023	0.63m
MUMBAI	2026Z	04Oct2023	0.63m
JAMNAGAR	2032Z	04Oct2023	0.55m
HAZIRA, DIU	0334Z	05Oct2023	0.80m

INDONESIA

NAD ACEH-JAYA	0420Z	04Oct2023	14.60m
NAD ACEH-BESAR B	0422Z	04Oct2023	16.46m
NAD SIMEULUE P.SIMEULUE	0422Z	04Oct2023	3.25m
NAD ACEH-BESAR P.PENASI	0424Z	04Oct2023	17.78m
NAD ACEH-BESAR P.BREUEH	0424Z	04Oct2023	19.18m
NAD KOTA-SABANG P.WEH	0426Z	04Oct2023	11.39m
NAD KOTA-BANDA-ACEH	0426Z	04Oct2023	10.84m
NAD ACEH-BARAT	0432Z	04Oct2023	8.93m
SUMUT NIAS B	0438Z	04Oct2023	1.57m
NAD ACEH-BESAR U	0442Z	04Oct2023	7.26m
NAD NAGAN-RAYA	0442Z	04Oct2023	3.92m
NAD ACEH-SINGKIL KEP.BANYAK	0442Z	04Oct2023	2.10m
NAD PIDIE	0446Z	04Oct2023	3.82m
GUNUNGSITOLI	0448Z	04Oct2023	1.08m
SUMUT NIAS-SELATAN P.NIAS	0448Z	04Oct2023	1.71m
NAD ACEH-BARAT-DAYA	0452Z	04Oct2023	2.65m
SUMUT NIAS-SELATAN P.TANAHMASA	0458Z	04Oct2023	1.03m
NAD ACEH-SELATAN U	0458Z	04Oct2023	1.83m
NAD BIREUEN	0500Z	04Oct2023	4.16m
SUMUT NIAS-SELATAN P.TANABALA	0502Z	04Oct2023	1.19m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0506Z	04Oct2023	1.24m
NAD KOTA-LHOKSEUMAWA	0508Z	04Oct2023	2.72m
NAD ACEH-UTARA B	0508Z	04Oct2023	4.16m
NAD ACEH-SELATAN S	0510Z	04Oct2023	1.91m
NIAS	0516Z	04Oct2023	0.71m
NAD ACEH-UTARA T	0518Z	04Oct2023	3.00m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0520Z	04Oct2023	0.70m
MUARASIBERUT	0522Z	04Oct2023	0.57m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0524Z	04Oct2023	0.86m
NAD ACEH-TIMUR	0542Z	04Oct2023	1.68m
NAD ACEH-SINGKIL	0550Z	04Oct2023	0.78m
SUMUT TAPANULI-SELATAN	0602Z	04Oct2023	1.16m
SUMUT TAPANULI-TENGAH U	0602Z	04Oct2023	1.15m
NIAS-EAST	0612Z	04Oct2023	0.97m
SUMUT MANDAILING-NATAL U	0628Z	04Oct2023	1.03m
BENGKULU BENGKULU-UTARA S	0630Z	04Oct2023	0.87m
SOUTH OF BODAHAYIONE	0630Z	04Oct2023	0.67m
SUMUT TAPANULI-TENGAH S	0640Z	04Oct2023	1.00m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0650Z	04Oct2023	0.89m
NAD KOTA-LANGSA	0702Z	04Oct2023	1.20m
NAD ACEH-TAMIANG	0726Z	04Oct2023	1.03m
JABAR SUKABUMI PELABUHAN-RATU	0758Z	04Oct2023	1.19m
SUMUT LANGKAT	0802Z	04Oct2023	1.06m
BELAWAN	0828Z	04Oct2023	1.03m
SUMUT DELISERDANG	0840Z	04Oct2023	0.84m
SUMUT SERDANG-BEDAGAI	0858Z	04Oct2023	0.84m
BENGKULU SELUMA	0908Z	04Oct2023	0.76m
NIAS-NORTH	0946Z	04Oct2023	0.69m
BENGKULU BENGKULU-UTARA P.ENGGANO	1022Z	04Oct2023	0.58m
SUMUT MANDAILING-NATAL S	1030Z	04Oct2023	0.87m
SUMBAR KOTA-PADANG U	1032Z	04Oct2023	0.65m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1042Z	04Oct2023	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	1056Z	04Oct2023	0.56m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1058Z	04Oct2023	0.53m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1058Z	04Oct2023	0.86m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1100Z	04Oct2023	0.60m
BENGKULU BENGKULU-UTARA U	1104Z	04Oct2023	0.52m
LABUHAN BATU	1128Z	04Oct2023	0.62m
BANTEN SERANG B	1142Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1142Z	04Oct2023	0.51m

BANTEN KOTA-CILEGON P.SANGIANG	1142Z	04Oct2023	0.51m
LAMPUNG TANGGAMUS T	1142Z	04Oct2023	0.81m
SUMUT ASAHAN	1230Z	04Oct2023	0.79m
BANTEN LEBAK	1358Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1406Z	04Oct2023	0.53m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN B	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1414Z	04Oct2023	0.57m
LAMPUNG TANGGAMUS B	1430Z	04Oct2023	0.50m
SUMBAR AGAM	1456Z	04Oct2023	0.52m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1506Z	04Oct2023	0.52m
DUMAI	1628Z	04Oct2023	0.52m
BANTEN PANDEGLANG U	1808Z	04Oct2023	0.54m
JATENG CILACAP	1834Z	04Oct2023	0.52m

KENYA

KIWAYU	1212Z	04Oct2023	1.74m
KIPINI	1236Z	04Oct2023	1.31m
MVULENI	1236Z	04Oct2023	1.24m
MALINDI	1238Z	04Oct2023	1.84m
TAKAUNGU	1240Z	04Oct2023	1.87m
KISIMACHANDE	1244Z	04Oct2023	1.47m

MADAGASCAR

VOHEMAR	1130Z	04Oct2023	1.08m
ANOROTSANGANA	1132Z	04Oct2023	1.10m
AMBAHY	1202Z	04Oct2023	1.05m
TOAMASINA AIRPORT	1204Z	04Oct2023	0.55m
FARAFAGANA	1212Z	04Oct2023	1.64m
MANANTENINA	1214Z	04Oct2023	0.86m
TAMPOLO	1300Z	04Oct2023	1.07m
SAMPONA	1412Z	04Oct2023	1.11m
BALY	1426Z	04Oct2023	0.63m

MALAYSIA

SATUN	0744Z	04Oct2023	1.55m
YAN	0754Z	04Oct2023	0.76m
SEBERANG PERAI SELATAN	0818Z	04Oct2023	0.76m
WEST OF ALOR SETAR	0822Z	04Oct2023	1.13m
KUALA MUDA	0822Z	04Oct2023	1.13m
SEBERANG PERAI UTARA & BARAT DAYA	0828Z	04Oct2023	1.13m
KERIAN	0842Z	04Oct2023	1.02m
LARUT AND MATANG	0848Z	04Oct2023	1.05m
MANJUNG	0912Z	04Oct2023	1.02m
HILIR PERAK	1030Z	04Oct2023	0.81m
SABAK BERNAM	1110Z	04Oct2023	0.68m
KUALA SELANGOR	1136Z	04Oct2023	0.77m

MALDIVES

KOLHUFUSHI	0704Z	04Oct2023	5.82m
MALE	0704Z	04Oct2023	6.18m
DHIYAMIGILI	0706Z	04Oct2023	6.55m
THINADHOO	0706Z	04Oct2023	5.78m
KULHUDUFFUSHI	0706Z	04Oct2023	3.76m
HITHADHOO	0710Z	04Oct2023	4.46m
GOIDHOO	0720Z	04Oct2023	3.36m
NILANDHOO	0726Z	04Oct2023	9.71m
FERIDHOO	0734Z	04Oct2023	3.17m

MAURITIUS

LA FERME	0944Z	04Oct2023	1.17m
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IOC Technical Series, 181 (I) Supplement 1
page 70

CARGADOS CARAJOS		1016Z	04Oct2023	1.60m
GRANDE REVIERE SUD EST-EAST		1032Z	04Oct2023	0.74m
AGALEGA ISLAND		1040Z	04Oct2023	0.74m
GRANDE REVIERE SUD EST-WEST		1052Z	04Oct2023	0.72m

MOZAMBIQUE

MAGANJA	1248Z	04Oct2023	1.35m
MERONVI	1256Z	04Oct2023	1.09m
QUITERAJO	1258Z	04Oct2023	0.70m
TAVARI	1302Z	04Oct2023	0.69m
PEMBA	1304Z	04Oct2023	0.71m
MURREBUE	1304Z	04Oct2023	0.84m
MECUFI	1306Z	04Oct2023	0.85m
LURIO	1308Z	04Oct2023	0.91m
NANGATA	1312Z	04Oct2023	0.73m
MINHAUINE	1314Z	04Oct2023	0.77m
LUMBO	1314Z	04Oct2023	0.52m
XAI-XAI	1552Z	04Oct2023	0.52m

MYANMAR

LITTLE COCO ISLAND		0456Z	04Oct2023	1.98m
PREPARIS ISLAND		0508Z	04Oct2023	2.00m
GREAT WESTERN TORRES ISLAND		0532Z	04Oct2023	3.25m
KYWEGYAUNG		0534Z	04Oct2023	1.45m
CHEDUBA ISLAND		0542Z	04Oct2023	2.34m
THAN KYUN		0542Z	04Oct2023	4.59m
LORD LOUGHBOROUGH ISLAND		0544Z	04Oct2023	4.55m
MAWYEN		0546Z	04Oct2023	2.56m
MAGYIGYAING		0552Z	04Oct2023	1.93m
SITTWE		0612Z	04Oct2023	1.86m
THAWINCHAUNG		0614Z	04Oct2023	1.53m
KYAUKPYU		0616Z	04Oct2023	2.11m
MALI KYUN		0644Z	04Oct2023	1.98m
PHARPON		0656Z	04Oct2023	2.85m
YE		0712Z	04Oct2023	2.23m
YANGON-S		0720Z	04Oct2023	1.23m

OMAN

HASIK	1056Z	04Oct2023	0.77m
AL JAZER	1100Z	04Oct2023	0.60m
AD DUQM	1102Z	04Oct2023	0.74m
TAQAH	1112Z	04Oct2023	1.35m
MIRBAT	1112Z	04Oct2023	0.94m
RAS AR RUWAYS	1112Z	04Oct2023	0.55m
AL ASHKHARAH	1114Z	04Oct2023	0.52m
SALALAH	1120Z	04Oct2023	1.02m
MASIRAH	1148Z	04Oct2023	0.65m

PAKISTAN

ORMARA	1140Z	04Oct2023	0.52m
SINDH	1542Z	04Oct2023	0.56m
KARACHI	1806Z	04Oct2023	0.52m

SEYCHELLES

FREGATE ISLAND	1008Z	04Oct2023	1.69m
COETIVY ISLAND	1014Z	04Oct2023	0.90m
TAKAMAKA	1028Z	04Oct2023	1.86m
ILE DESROCHES	1040Z	04Oct2023	1.14m
ALPHONSE ISLAND	1054Z	04Oct2023	0.54m
ASTOVE ISLAND	1142Z	04Oct2023	0.65m
ALDABRA	1150Z	04Oct2023	0.79m

FARQUHAR GROUP 1208Z 04Oct2023 0.86m

SOMALIA

BANDER-BEYLA 1102Z 04Oct2023 3.15m
EYL 1108Z 04Oct2023 2.89m
TOOXIN 1110Z 04Oct2023 2.39m
JARIIBAN 1114Z 04Oct2023 2.71m
GALDOGOB 1114Z 04Oct2023 2.93m
XARARDHEERE 1120Z 04Oct2023 2.62m
ITALA 1122Z 04Oct2023 2.31m
CEEL DHEER 1122Z 04Oct2023 2.41m
MAREEG 1124Z 04Oct2023 2.32m
ABO 1126Z 04Oct2023 1.42m
UARSCIECH 1130Z 04Oct2023 2.31m
MUQDISHO 1134Z 04Oct2023 2.44m
BEYNAX BARRE 1144Z 04Oct2023 2.18m
BARAAWE 1148Z 04Oct2023 2.00m
TURDHO 1156Z 04Oct2023 1.99m
JILIB 1156Z 04Oct2023 1.45m
NE BEERNAASI 1202Z 04Oct2023 1.96m
KAAMBOONI 1210Z 04Oct2023 2.25m

SOUTH AFRICA

FUNK SEAMOUNT 1548Z 04Oct2023 0.65m
MARGATE 2040Z 04Oct2023 0.56m

SRI LANKA

POTTUVIL 0536Z 04Oct2023 9.36m
BATTICALOA 0536Z 04Oct2023 10.06m
AKKARAI Pattu 0536Z 04Oct2023 9.26m
KATTANKUDI 0540Z 04Oct2023 9.22m
OKANDA 0540Z 04Oct2023 9.25m
KIRINDA 0540Z 04Oct2023 8.21m
ANAITIVU 0542Z 04Oct2023 10.44m
PANKULAM 0542Z 04Oct2023 7.87m
HAMBANTOTA 0546Z 04Oct2023 9.61m
MULLAITTIVU 0546Z 04Oct2023 6.58m
TANGALLE 0550Z 04Oct2023 7.07m
CHUNDIKKULAM 0552Z 04Oct2023 6.51m
MATARA 0554Z 04Oct2023 6.53m
GALLE 0558Z 04Oct2023 6.53m
CHAVAKACHCHERI 0600Z 04Oct2023 3.41m
AMBALANGODA 0602Z 04Oct2023 4.17m
POINT PEDRO 0606Z 04Oct2023 3.30m
BERUWALA 0612Z 04Oct2023 3.24m
COLOMBO 0618Z 04Oct2023 2.22m
MORATUWA 0620Z 04Oct2023 4.92m
NEGOMBO 0628Z 04Oct2023 3.24m
MUNDAL LAKE 0632Z 04Oct2023 1.92m
MANNAR ISLAND 0642Z 04Oct2023 1.70m
MUSALI 0654Z 04Oct2023 1.29m

TANZANIA

VUMBA 1234Z 04Oct2023 0.82m
VUMBI 1238Z 04Oct2023 0.83m
ZANZIBAR 1240Z 04Oct2023 0.88m
GAZIJA 1244Z 04Oct2023 0.71m
JIMBO 1244Z 04Oct2023 0.96m
KUTANI 1248Z 04Oct2023 1.22m
RUVU 1250Z 04Oct2023 0.80m
MADANGWA 1254Z 04Oct2023 0.83m

IOC Technical Series, 181 (I) Supplement 1
page 72

WEST TO KONDE	1256Z	04Oct2023	0.91m
MSASANI	1302Z	04Oct2023	0.65m
BOMALANDNI	1318Z	04Oct2023	0.55m
BAGAMOYO	1328Z	04Oct2023	0.58m

THAILAND

THAI MUEANG	0534Z	04Oct2023	7.90m
KO RACHA NOI	0546Z	04Oct2023	4.47m
KOH SURIN TAI	0552Z	04Oct2023	5.09m
KOH LANTA YAI	0622Z	04Oct2023	2.04m
THAI MUEANG TAKUA PA	0628Z	04Oct2023	7.13m
KOH ROK	0634Z	04Oct2023	1.28m
KOH TARUTAO	0642Z	04Oct2023	1.36m
MUEANG SATUN	0642Z	04Oct2023	1.36m

UNITED KINGDOM

MORESBY ISLAND	0730Z	04Oct2023	5.56m
DIEGO GARCIA	0732Z	04Oct2023	3.23m
NW EGMONT ISLAND	0754Z	04Oct2023	2.17m

YEMEN

SOCOTRA ISLAND SOUTH	1044Z	04Oct2023	3.05m
SOCOTRA ISLAND NORTH	1100Z	04Oct2023	1.26m
SOCOTRA ISLAND WEST	1116Z	04Oct2023	0.76m
DAMQAWT	1128Z	04Oct2023	1.37m
AL GHAYDAH AIRPORT	1130Z	04Oct2023	0.91m
ALQUMRAH	1258Z	04Oct2023	0.51m
HUSWAYN	1300Z	04Oct2023	0.59m
HARRAH	1310Z	04Oct2023	0.54m
MASILAH WADI	1310Z	04Oct2023	0.64m
EAST TO HAMI	1310Z	04Oct2023	0.59m
HAMI	1310Z	04Oct2023	0.52m
KHANFAR	1524Z	04Oct2023	1.17m
ADEN	1528Z	04Oct2023	0.93m
RUDUM	1558Z	04Oct2023	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 IOTWMS-TSP AUSTRALIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

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

TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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

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#  
# TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT  
#  
#####
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BULLETIN 10

IDY68501

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

TSUNAMI BULLETIN NUMBER 10 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 1040 UTC Wednesday 04 October 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

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

Sabang UTC	INDONESIA	5.80N	95.33E	3.67m	04 Oct 04:30
Port Blair UTC	INDIA	11.70N	92.76E	3.64m	04 Oct 04:39
Deep Ocean Buoy 23227 UTC	BAY OF BENGA	6.26N	88.79E	2.62m	04 Oct 04:41
Telukdalam UTC	INDONESIA	0.50N	97.83E	2.01m	04 Oct 05:08
Nancowry UTC	INDIA	8.10N	93.55E	8.47m	04 Oct 05:08
Meulaboh UTC	INDONESIA	4.17N	96.00E	9.11m	04 Oct 05:14
Deep Ocean Buoy 23218 UTC	BAY OF BENGA	10.00N	88.50E	0.49m	04 Oct 05:16
Ko Taphao Noi UTC	THAILAND	7.80N	98.42E	2.34m	04 Oct 05:41
Trincomalee UTC	SRI LANKA	8.67N	81.33E	4.80m	04 Oct 05:47
Enggano UTC	INDONESIA	5.30S	102.28E	0.90m	04 Oct 06:12
Padang UTC	INDONESIA	1.00S	100.37E	0.83m	04 Oct 06:14

Chennai UTC	INDIA	13.10N	80.30E	6.07m	04 Oct 06:20
Cocos Island. UTC	AUSTRALIA	12.10S	96.89E	1.24m	04 Oct 06:26
Visakhapatnam UTC	INDIA	17.70N	83.28E	3.98m	04 Oct 06:29
Colombo UTC	SRI LANKA	7.00N	79.85E	3.97m	04 Oct 06:32
Seblat UTC	INDONESIA	3.17S	101.50E	1.57m	04 Oct 06:34
Christmas Is UTC	AUSTRALIA	10.40S	105.67E	1.43m	04 Oct 06:45
Sibolga UTC	INDONESIA	1.67N	98.67E	2.77m	04 Oct 06:45
Sittwe UTC	MYANMAR	20.00N	92.83E	2.17m	04 Oct 06:46
Gan UTC	MALDIVES	0.70S	73.15E	5.58m	04 Oct 07:12
Hanimadhoo UTC	MALDIVES	6.80N	73.17E	4.64m	04 Oct 07:18
Tanjung Lesung UTC	INDONESIA	6.50S	105.50E	0.83m	04 Oct 07:19
Deep Ocean Buoy 23223 UTC	BAY OF BENGA	17.33N	89.48E	0.51m	04 Oct 07:21
Kirinda UTC	SRI LANKA	6.20N	81.32E	4.47m	04 Oct 07:21
Minicoy UTC	INDIA	8.30N	73.05E	2.00m	04 Oct 07:24
Langkawi UTC	MALAYSIA	6.50N	99.83E	1.12m	04 Oct 07:28
Marina Jambu UTC	INDONESIA	6.19S	105.83E	0.81m	04 Oct 07:29
Pangandaran UTC	INDONESIA	7.83S	108.50E	0.91m	04 Oct 07:36
Diego Garcia UTC	UK	7.20S	72.43E	3.11m	04 Oct 07:39
Cilacap UTC	INDONESIA	7.80S	109.00E	1.28m	04 Oct 07:41
Sadeng UTC	INDONESIA	8.33S	110.83E	0.89m	04 Oct 07:47
Prigi UTC	INDONESIA	8.33S	111.83E	0.78m	04 Oct 07:58
Cochin UTC	INDIA	10.00N	76.17E	2.40m	04 Oct 08:17
Benoa UTC	INDONESIA	8.83S	115.33E	0.41m	04 Oct 08:31
Lembar UTC	INDONESIA	8.70S	116.07E	0.26m	04 Oct 08:54
Point Murat UTC	AUSTRALIA	21.80S	114.19E	1.06m	04 Oct 09:24
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S	113.40E	0.68m	04 Oct 09:40
Rote UTC	INDONESIA	10.70S	123.06E	0.26m	04 Oct 09:42
Mormugao UTC	INDIA	15.40N	73.78E	1.51m	04 Oct 09:48
Rodrigues UTC	MAURITIUS	19.70S	63.42E	3.29m	04 Oct 09:50
Denis Island UTC	SEYCHELLES	3.80S	55.67E	1.47m	04 Oct 10:05

IOC Technical Series, 181 (I) Supplement 1
page 76

Agalega UTC	MAURITIUS	10.30S	56.59E	1.39m	04 Oct 10:19
Blue Bay UTC	MAURITIUS	20.50S	57.67E	0.77m	04 Oct 10:30
Deep Ocean Buoy 23226 UTC	ARABIAN SEA	20.20N	67.33E	0.12m	04 Oct 10:34

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

GASCOYNE COAST	1036Z	04Oct2023	0.86m
PILBARA COAST WEST	1242Z	04Oct2023	0.73m
LEEUEWIN COAST	1310Z	04Oct2023	0.73m
AURORA BANK	1418Z	04Oct2023	1.33m
GERALDTON COAST	1502Z	04Oct2023	0.68m
HEARD ISLAND AND MCDONALD ISLANDS	1508Z	04Oct2023	2.01m
PERTH COAST	1744Z	04Oct2023	0.56m
BUNBURY GEOGRAPHE COAST	1754Z	04Oct2023	0.70m
PILBARA COAST EAST	1826Z	04Oct2023	0.60m

BANGLADESH

COXS BAZAR	0640Z	04Oct2023	2.81m
CHALNA	0646Z	04Oct2023	0.89m
KUTUBDIA ISLAND	0652Z	04Oct2023	2.80m
BARGUNA	0652Z	04Oct2023	2.80m

COMOROS

BAMBAAO	1220Z	04Oct2023	0.58m
FOMBONI	1226Z	04Oct2023	0.70m
CHEZANI	1226Z	04Oct2023	1.16m

DJIBOUTI

NW ARTA	1356Z	04Oct2023	0.71m
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FRANCE

ILE SAINT-PAUL-NORTH	1048Z	04Oct2023	0.65m
ILE SAINT-PAUL-SOUTH	1100Z	04Oct2023	1.05m
SAINT-DENIS	1104Z	04Oct2023	0.50m

ILE DE LA POSSESSION	1320Z	04Oct2023	1.09m
ILE KERGUELEN	1322Z	04Oct2023	1.04m
CROZET PLATEAU	1330Z	04Oct2023	0.88m
INDIA			
NORTH SENTINEL ISLAND	0400Z	04Oct2023	5.42m
LITTLE ANDAMAN	0400Z	04Oct2023	13.72m
CAR NICOBAR	0408Z	04Oct2023	10.60m
KOMATRA & KATCHAL ISLAND	0408Z	04Oct2023	14.39m
INDIRA POINT	0410Z	04Oct2023	12.40m
PORT BLAIR	0414Z	04Oct2023	3.40m
WEST & LANDFALL ISLAND	0432Z	04Oct2023	2.66m
FLAT ISLAND	0432Z	04Oct2023	3.15m
HAVELOCK	0436Z	04Oct2023	4.07m
RANGATH BAY	0450Z	04Oct2023	2.94m
DIGLIPUR	0502Z	04Oct2023	3.87m
MAHABALIPURAM	0600Z	04Oct2023	5.11m
KAKINADA	0600Z	04Oct2023	2.49m
MARAKKANAM	0600Z	04Oct2023	7.70m
CHENNAI	0600Z	04Oct2023	5.11m
CUDDALORE	0602Z	04Oct2023	5.45m
PUDUCHERRY	0602Z	04Oct2023	4.86m
SRIHARIKOTA	0602Z	04Oct2023	9.68m
ENNORE	0604Z	04Oct2023	7.52m
MACHILIPATNAM	0604Z	04Oct2023	4.55m
VISAKHAPATNAM	0606Z	04Oct2023	2.21m
PARADIP	0606Z	04Oct2023	2.31m
POOMBUHAR	0606Z	04Oct2023	4.18m
KALINGAPATNAM	0608Z	04Oct2023	2.41m
PURI	0608Z	04Oct2023	2.82m
PERUPALEM	0608Z	04Oct2023	3.26m
KARAIKAL	0608Z	04Oct2023	3.15m
NAGAPATTINAM	0608Z	04Oct2023	3.59m
MALLIPATTINAM	0608Z	04Oct2023	2.53m
NIJAMPATTANAM	0610Z	04Oct2023	2.68m
KONADA	0610Z	04Oct2023	2.38m
KOTTAPATNAM	0614Z	04Oct2023	3.09m
MUTHUPET	0614Z	04Oct2023	2.26m
GOPALPUR	0618Z	04Oct2023	3.28m
JAMBOO	0624Z	04Oct2023	3.00m
TUTICORIN	0642Z	04Oct2023	1.77m
HEMNAGAR	0650Z	04Oct2023	1.01m
KOODANKULAM	0650Z	04Oct2023	2.26m
RAMESWARAM	0652Z	04Oct2023	1.56m
NAMKHANA	0656Z	04Oct2023	1.48m
DHAMRA	0656Z	04Oct2023	4.73m
KOTTTAIPPATTANAM	0656Z	04Oct2023	1.45m
KANYAKUMARI	0702Z	04Oct2023	2.48m
DIGHA	0704Z	04Oct2023	3.26m
CHANDIPUR	0710Z	04Oct2023	3.18m
TRIVANDRUM	0716Z	04Oct2023	1.53m
QUILON	0718Z	04Oct2023	1.45m
ALLEPPEY ALAPPUZHA	0732Z	04Oct2023	1.86m
KAVARATTI	0750Z	04Oct2023	0.95m
VADANAPPALLY	0800Z	04Oct2023	1.04m
COCHIN	0800Z	04Oct2023	1.33m
AGATTI	0802Z	04Oct2023	1.10m
VAKKAD	0810Z	04Oct2023	0.87m
BEYPORE	0822Z	04Oct2023	0.84m
KANNUR	0832Z	04Oct2023	1.08m
MAHE	0838Z	04Oct2023	0.99m

KASARAGOD	0840Z	04Oct2023	1.17m
MALVAN BAY	1028Z	04Oct2023	0.77m
VASCO	1034Z	04Oct2023	0.85m
PANAJI	1048Z	04Oct2023	0.91m
KARWAR	1052Z	04Oct2023	1.14m
MANGALORE	1102Z	04Oct2023	1.01m
UDUPI	1118Z	04Oct2023	1.13m
JAIGARH	1138Z	04Oct2023	0.66m
DWARKA	1636Z	04Oct2023	0.55m
ALIBAG PORT	2026Z	04Oct2023	0.63m
MUMBAI	2026Z	04Oct2023	0.63m
JAMNAGAR	2032Z	04Oct2023	0.55m
HAZIRA, DIU	0334Z	05Oct2023	0.80m
INDONESIA			
NAD ACEH-JAYA	0420Z	04Oct2023	14.60m
NAD ACEH-BESAR B	0422Z	04Oct2023	16.46m
NAD SIMEULUE P.SIMEULUE	0422Z	04Oct2023	3.25m
NAD ACEH-BESAR P.PENASI	0424Z	04Oct2023	17.78m
NAD ACEH-BESAR P.BREUEH	0424Z	04Oct2023	19.18m
NAD KOTA-SABANG P.WEH	0426Z	04Oct2023	11.39m
NAD KOTA-BANDA-ACEH	0426Z	04Oct2023	10.84m
NAD ACEH-BARAT	0432Z	04Oct2023	8.93m
SUMUT NIAS B	0438Z	04Oct2023	1.57m
NAD NAGAN-RAYA	0442Z	04Oct2023	3.92m
NAD ACEH-BESAR U	0442Z	04Oct2023	7.26m
NAD ACEH-SINGKIL KEP.BANYAK	0442Z	04Oct2023	2.10m
NAD PIDIE	0446Z	04Oct2023	3.82m
SUMUT NIAS-SELATAN P.NIAS	0448Z	04Oct2023	1.71m
GUNUNGSITOLI	0448Z	04Oct2023	1.08m
NAD ACEH-BARAT-DAYA	0452Z	04Oct2023	2.65m
NAD ACEH-SELATAN U	0458Z	04Oct2023	1.83m
SUMUT NIAS-SELATAN P.TANAHMASA	0458Z	04Oct2023	1.03m
NAD BIREUEN	0500Z	04Oct2023	4.16m
SUMUT NIAS-SELATAN P.TANABALA	0502Z	04Oct2023	1.19m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0506Z	04Oct2023	1.24m
NAD ACEH-UTARA B	0508Z	04Oct2023	4.16m
NAD ACEH-SELATAN S	0510Z	04Oct2023	1.91m
NIAS	0516Z	04Oct2023	0.71m
NAD ACEH-UTARA T	0518Z	04Oct2023	3.00m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0520Z	04Oct2023	0.70m
MUARASIBERUT	0522Z	04Oct2023	0.57m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0524Z	04Oct2023	0.86m
NAD ACEH-TIMUR	0542Z	04Oct2023	1.68m
NAD ACEH-SINGKIL	0550Z	04Oct2023	0.78m
SUMUT TAPANULI-SELATAN	0602Z	04Oct2023	1.16m
SUMUT TAPANULI-TENGAH U	0602Z	04Oct2023	1.15m
NIAS-EAST	0612Z	04Oct2023	0.97m
SUMUT MANDAILING-NATAL U	0628Z	04Oct2023	1.03m
BENGKULU BENGKULU-UTARA S	0630Z	04Oct2023	0.87m
SOUTH OF BODAHAYIONE	0630Z	04Oct2023	0.67m
SUMUT TAPANULI-TENGAH S	0640Z	04Oct2023	1.00m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0650Z	04Oct2023	0.89m
NAD KOTA-LANGSA	0702Z	04Oct2023	1.20m
NAD ACEH-TAMIANG	0726Z	04Oct2023	1.03m
JABAR SUKABUMI PELABUHAN-RATU	0758Z	04Oct2023	1.19m
SUMUT LANGKAT	0802Z	04Oct2023	1.06m
BELAWAN	0828Z	04Oct2023	1.03m
SUMUT DELISERDANG	0840Z	04Oct2023	0.84m
SUMUT SERDANG-BEDAGAI	0858Z	04Oct2023	0.84m
BENGKULU SELUMA	0908Z	04Oct2023	0.76m

NIAS-NORTH	0946Z	04Oct2023	0.69m
BENGKULU BENGKULU-UTARA P.ENGGANO	1022Z	04Oct2023	0.58m
SUMUT MANDAILING-NATAL S	1030Z	04Oct2023	0.87m
SUMBAR KOTA-PADANG U	1032Z	04Oct2023	0.65m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1042Z	04Oct2023	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	1056Z	04Oct2023	0.56m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1058Z	04Oct2023	0.53m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1058Z	04Oct2023	0.86m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1100Z	04Oct2023	0.60m
BENGKULU BENGKULU-UTARA U	1104Z	04Oct2023	0.52m
LABUHAN BATU	1128Z	04Oct2023	0.62m
BANTEN SERANG B	1142Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1142Z	04Oct2023	0.51m
BANTEN KOTA-CILEGON P.SANGIANG	1142Z	04Oct2023	0.51m
LAMPUNG TANGGAMUS T	1142Z	04Oct2023	0.81m
SUMUT ASAHAN	1230Z	04Oct2023	0.79m
BANTEN LEBAK	1358Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1406Z	04Oct2023	0.53m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN B	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1414Z	04Oct2023	0.57m
LAMPUNG TANGGAMUS B	1430Z	04Oct2023	0.50m
SUMBAR AGAM	1456Z	04Oct2023	0.52m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1506Z	04Oct2023	0.52m
DUMAI	1628Z	04Oct2023	0.52m
BANTEN PANDEGLANG U	1808Z	04Oct2023	0.54m
JATENG CILACAP	1834Z	04Oct2023	0.52m

KENYA

KIWAYU	1212Z	04Oct2023	1.74m
KIPINI	1236Z	04Oct2023	1.31m
MVULENI	1236Z	04Oct2023	1.24m
MALINDI	1238Z	04Oct2023	1.84m
TAKAUNGU	1240Z	04Oct2023	1.87m
KISIMACHANDE	1244Z	04Oct2023	1.47m

MADAGASCAR

VOHEMAR	1130Z	04Oct2023	1.08m
ANOROTSANGANA	1132Z	04Oct2023	1.10m
AMBAHY	1202Z	04Oct2023	1.05m
TOAMASINA AIRPORT	1204Z	04Oct2023	0.55m
FARAFAGANA	1212Z	04Oct2023	1.64m
MANANTENINA	1214Z	04Oct2023	0.86m
TAMPOLO	1300Z	04Oct2023	1.07m
SAMPONA	1412Z	04Oct2023	1.11m
BALY	1426Z	04Oct2023	0.63m

MALAYSIA

SATUN	0744Z	04Oct2023	1.55m
YAN	0754Z	04Oct2023	0.76m
SEBERANG PERAI SELATAN	0818Z	04Oct2023	0.76m
WEST OF ALOR SETAR	0822Z	04Oct2023	1.13m
KUALA MUDA	0822Z	04Oct2023	1.13m
SEBERANG PERAI UTARA & BARAT DAYA	0828Z	04Oct2023	1.13m
KERIAN	0842Z	04Oct2023	1.02m
LARUT AND MATANG	0848Z	04Oct2023	1.05m
MANJUNG	0912Z	04Oct2023	1.02m
HILIR PERAK	1030Z	04Oct2023	0.81m
SABAK BERNAM	1110Z	04Oct2023	0.68m
KUALA SELANGOR	1136Z	04Oct2023	0.77m

IOC Technical Series, 181 (I) Supplement 1
page 80

MALDIVES

KOLHUFUSHI	0704Z	04Oct2023	5.82m
MALE	0704Z	04Oct2023	6.18m
DHIYAMIGILI	0706Z	04Oct2023	6.55m
THINADHOO	0706Z	04Oct2023	5.78m
KULHUDUFFUSHI	0706Z	04Oct2023	3.76m
HITHADHOO	0710Z	04Oct2023	4.46m
GOIDHOO	0720Z	04Oct2023	3.36m
NILANDHOO	0726Z	04Oct2023	9.71m
FERIDHOO	0734Z	04Oct2023	3.17m

MAURITIUS

LA FERME	0944Z	04Oct2023	1.17m
CARGADOS CARAJOS	1016Z	04Oct2023	1.60m
GRANDE REVIERE SUD EST-EAST	1032Z	04Oct2023	0.74m
AGALEGA ISLAND	1040Z	04Oct2023	0.74m
GRANDE REVIERE SUD EST-WEST	1052Z	04Oct2023	0.72m

MOZAMBIQUE

MAGANJA	1248Z	04Oct2023	1.35m
MERONVI	1256Z	04Oct2023	1.09m
QUITERAJO	1258Z	04Oct2023	0.70m
TAVARI	1302Z	04Oct2023	0.69m
PEMBA	1304Z	04Oct2023	0.71m
MURREBUE	1304Z	04Oct2023	0.84m
MECUFI	1306Z	04Oct2023	0.85m
LURIO	1308Z	04Oct2023	0.91m
NANGATA	1312Z	04Oct2023	0.73m
MINHAUINE	1314Z	04Oct2023	0.77m
LUMBO	1314Z	04Oct2023	0.52m
XAI-XAI	1552Z	04Oct2023	0.52m

MYANMAR

LITTLE COCO ISLAND	0456Z	04Oct2023	1.98m
PREPARIS ISLAND	0508Z	04Oct2023	2.00m
GREAT WESTERN TORRES ISLAND	0532Z	04Oct2023	3.25m
KYWEGYAUNG	0534Z	04Oct2023	1.45m
CHEDUBA ISLAND	0542Z	04Oct2023	2.34m
THAN KYUN	0542Z	04Oct2023	4.59m
LORD LOUGHBOROUGH ISLAND	0544Z	04Oct2023	4.55m
MAWYEN	0546Z	04Oct2023	2.56m
MAGYIGYAING	0552Z	04Oct2023	1.93m
SITTWE	0612Z	04Oct2023	1.86m
THAWINCHAUNG	0614Z	04Oct2023	1.53m
KYAUKPYU	0616Z	04Oct2023	2.11m
MALI KYUN	0644Z	04Oct2023	1.98m
PHARPON	0656Z	04Oct2023	2.85m
YE	0712Z	04Oct2023	2.23m
YANGON-S	0720Z	04Oct2023	1.23m

OMAN

HASIK	1056Z	04Oct2023	0.77m
AL JAZER	1100Z	04Oct2023	0.60m
AD DUQM	1102Z	04Oct2023	0.74m
TAQAH	1112Z	04Oct2023	1.35m
MIRBAT	1112Z	04Oct2023	0.94m
RAS AR RUWAYS	1112Z	04Oct2023	0.55m
AL ASHKHARAH	1114Z	04Oct2023	0.52m
SALALAH	1120Z	04Oct2023	1.02m
MASIRAH	1148Z	04Oct2023	0.65m

PAKISTAN

ORMARA	1140Z	04Oct2023	0.52m
SINDH	1542Z	04Oct2023	0.56m
KARACHI	1806Z	04Oct2023	0.52m

SEYCHELLES

FREGATE ISLAND	1008Z	04Oct2023	1.69m
COETIVY ISLAND	1014Z	04Oct2023	0.90m
TAKAMAKA	1028Z	04Oct2023	1.86m
ILE DESROCHES	1040Z	04Oct2023	1.14m
ALPHONSE ISLAND	1054Z	04Oct2023	0.54m
ASTOVE ISLAND	1142Z	04Oct2023	0.65m
ALDABRA	1150Z	04Oct2023	0.79m
FARQUHAR GROUP	1208Z	04Oct2023	0.86m

SOMALIA

BANDER-BEYLA	1102Z	04Oct2023	3.15m
EYL	1108Z	04Oct2023	2.89m
TOOXIN	1110Z	04Oct2023	2.39m
JARIIBAN	1114Z	04Oct2023	2.71m
GALDOGOB	1114Z	04Oct2023	2.93m
XARARDHEERE	1120Z	04Oct2023	2.62m
ITALA	1122Z	04Oct2023	2.31m
CEEL DHEER	1122Z	04Oct2023	2.41m
MAREEG	1124Z	04Oct2023	2.32m
ABO	1126Z	04Oct2023	1.42m
UARSIECH	1130Z	04Oct2023	2.31m
MUQDISHO	1134Z	04Oct2023	2.44m
BEYNAX BARRE	1144Z	04Oct2023	2.18m
BARAAWE	1148Z	04Oct2023	2.00m
TURDHO	1156Z	04Oct2023	1.99m
JILIB	1156Z	04Oct2023	1.45m
NE BEERNAASI	1202Z	04Oct2023	1.96m
KAAMBOONI	1210Z	04Oct2023	2.25m

SOUTH AFRICA

FUNK SEAMOUNT	1548Z	04Oct2023	0.65m
MARGATE	2040Z	04Oct2023	0.56m

SRI LANKA

POTTUVIL	0536Z	04Oct2023	9.36m
BATTICALOA	0536Z	04Oct2023	10.06m
AKKARAIATTU	0536Z	04Oct2023	9.26m
KATTANKUDI	0540Z	04Oct2023	9.22m
OKANDA	0540Z	04Oct2023	9.25m
KIRINDA	0540Z	04Oct2023	8.21m
ANAITIVU	0542Z	04Oct2023	10.44m
PANKULAM	0542Z	04Oct2023	7.87m
HAMBANTOTA	0546Z	04Oct2023	9.61m
MULLAITTIVU	0546Z	04Oct2023	6.58m
TANGALLE	0550Z	04Oct2023	7.07m
CHUNDIKKULAM	0552Z	04Oct2023	6.51m
MATARA	0554Z	04Oct2023	6.53m
GALLE	0558Z	04Oct2023	6.53m
CHAVAKACHCHERI	0600Z	04Oct2023	3.41m
AMBALANGODA	0602Z	04Oct2023	4.17m
POINT PEDRO	0606Z	04Oct2023	3.30m
BERUWALA	0612Z	04Oct2023	3.24m
COLOMBO	0618Z	04Oct2023	2.22m
MORATUWA	0620Z	04Oct2023	4.92m
NEGOMBO	0628Z	04Oct2023	3.24m

IOC Technical Series, 181 (I) Supplement 1
page 82

MUNDAL LAKE	0632Z	04Oct2023	1.92m
MANNAR ISLAND	0642Z	04Oct2023	1.70m
MUSALI	0654Z	04Oct2023	1.29m

TANZANIA

VUMBA	1234Z	04Oct2023	0.82m
VUMBI	1238Z	04Oct2023	0.83m
ZANZIBAR	1240Z	04Oct2023	0.88m
GAZIJA	1244Z	04Oct2023	0.71m
JIMBO	1244Z	04Oct2023	0.96m
KUTANI	1248Z	04Oct2023	1.22m
RUVU	1250Z	04Oct2023	0.80m
MADANGWA	1254Z	04Oct2023	0.83m
WEST TO KONDE	1256Z	04Oct2023	0.91m
MSASANI	1302Z	04Oct2023	0.65m
BOMALANDNI	1318Z	04Oct2023	0.55m
BAGAMOYO	1328Z	04Oct2023	0.58m

THAILAND

THAI MUEANG	0534Z	04Oct2023	7.90m
KO RACHA NOI	0546Z	04Oct2023	4.47m
KOH SURIN TAI	0552Z	04Oct2023	5.09m
KOH LANTA YAI	0622Z	04Oct2023	2.04m
THAI MUEANG_TAKUA PA	0628Z	04Oct2023	7.13m
KOH ROK	0634Z	04Oct2023	1.28m
KOH TARUTAO	0642Z	04Oct2023	1.36m
MUEANG SATUN	0642Z	04Oct2023	1.36m

UNITED KINGDOM

MORESBY ISLAND	0730Z	04Oct2023	5.56m
DIEGO GARCIA	0732Z	04Oct2023	3.23m
NW EGMONT ISLAND	0754Z	04Oct2023	2.17m

YEMEN

SOCOTRA ISLAND SOUTH	1044Z	04Oct2023	3.05m
SOCOTRA ISLAND NORTH	1100Z	04Oct2023	1.26m
SOCOTRA ISLAND WEST	1116Z	04Oct2023	0.76m
DAMQAWT	1128Z	04Oct2023	1.37m
AL GHAYDAH AIRPORT	1130Z	04Oct2023	0.91m
ALQUMRAH	1258Z	04Oct2023	0.51m
HUSWAYN	1300Z	04Oct2023	0.59m
HARRAH	1310Z	04Oct2023	0.54m
MASILAH WADI	1310Z	04Oct2023	0.64m
EAST TO HAMI	1310Z	04Oct2023	0.59m
HAMI	1310Z	04Oct2023	0.52m
KHANFAR	1524Z	04Oct2023	1.17m
ADEN	1528Z	04Oct2023	0.93m
RUDUM	1558Z	04Oct2023	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 IOTWMS-TSP AUSTRALIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>
TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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 IOWAVE23 - NOT A REAL TSUNAMI EVENT

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BULLETIN 11

IDY68501

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

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TSUNAMI BULLETIN NUMBER 11 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 1140 UTC Wednesday 04 October 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

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

Sabang UTC	INDONESIA	5.80N	95.33E	3.67m	04 Oct 04:30
Port Blair UTC	INDIA	11.70N	92.76E	3.64m	04 Oct 04:39
Deep Ocean Buoy 23227 UTC	BAY OF BENGA	6.26N	88.79E	2.62m	04 Oct 04:41
Telukdalam UTC	INDONESIA	0.50N	97.83E	2.01m	04 Oct 05:08
Nancowry UTC	INDIA	8.10N	93.55E	8.47m	04 Oct 05:08
Meulaboh UTC	INDONESIA	4.17N	96.00E	9.11m	04 Oct 05:14
Deep Ocean Buoy 23218 UTC	BAY OF BENGA	10.00N	88.50E	0.49m	04 Oct 05:16
Ko Taphao Noi UTC	THAILAND	7.80N	98.42E	2.34m	04 Oct 05:41
Trincomalee UTC	SRI LANKA	8.67N	81.33E	4.80m	04 Oct 05:47
Enggano UTC	INDONESIA	5.30S	102.28E	0.90m	04 Oct 06:12
Padang UTC	INDONESIA	1.00S	100.37E	0.83m	04 Oct 06:14

Chennai UTC	INDIA	13.10N	80.30E	6.07m	04 Oct 06:20
Cocos Island. UTC	AUSTRALIA	12.10S	96.89E	1.24m	04 Oct 06:26
Visakhapatnam UTC	INDIA	17.70N	83.28E	3.98m	04 Oct 06:29
Colombo UTC	SRI LANKA	7.00N	79.85E	3.97m	04 Oct 06:32
Seblat UTC	INDONESIA	3.17S	101.50E	1.57m	04 Oct 06:34
Sibolga UTC	INDONESIA	1.67N	98.67E	2.77m	04 Oct 06:45
Christmas Is UTC	AUSTRALIA	10.40S	105.67E	1.43m	04 Oct 06:45
Sittwe UTC	MYANMAR	20.00N	92.83E	2.17m	04 Oct 06:46
Gan UTC	MALDIVES	0.70S	73.15E	5.58m	04 Oct 07:12
Hanimadhoo UTC	MALDIVES	6.80N	73.17E	4.64m	04 Oct 07:18
Tanjung Lesung UTC	INDONESIA	6.50S	105.50E	0.83m	04 Oct 07:19
Deep Ocean Buoy 23223 UTC	BAY OF BENGA	17.33N	89.48E	0.51m	04 Oct 07:21
Kirinda UTC	SRI LANKA	6.20N	81.32E	4.47m	04 Oct 07:21
Minicoy UTC	INDIA	8.30N	73.05E	2.00m	04 Oct 07:24
Langkawi UTC	MALAYSIA	6.50N	99.83E	1.12m	04 Oct 07:28
Marina Jambu UTC	INDONESIA	6.19S	105.83E	0.81m	04 Oct 07:29
Pangandaran UTC	INDONESIA	7.83S	108.50E	0.91m	04 Oct 07:36
Diego Garcia UTC	UK	7.20S	72.43E	3.11m	04 Oct 07:39
Cilacap UTC	INDONESIA	7.80S	109.00E	1.28m	04 Oct 07:41
Sadeng UTC	INDONESIA	8.33S	110.83E	0.89m	04 Oct 07:47
Prigi UTC	INDONESIA	8.33S	111.83E	0.78m	04 Oct 07:58
Cochin UTC	INDIA	10.00N	76.17E	2.40m	04 Oct 08:17
Benoa UTC	INDONESIA	8.83S	115.33E	0.41m	04 Oct 08:31
Lembar UTC	INDONESIA	8.70S	116.07E	0.26m	04 Oct 08:54
Point Murat UTC	AUSTRALIA	21.80S	114.19E	1.06m	04 Oct 09:24
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S	113.40E	0.68m	04 Oct 09:40
Rote UTC	INDONESIA	10.70S	123.06E	0.26m	04 Oct 09:42
Mormugao UTC	INDIA	15.40N	73.78E	1.51m	04 Oct 09:48
Rodrigues UTC	MAURITIUS	19.70S	63.42E	3.29m	04 Oct 09:50
Denis Island UTC	SEYCHELLES	3.80S	55.67E	1.47m	04 Oct 10:05

Agalega UTC	MAURITIUS	10.30S	56.59E	1.39m	04 Oct 10:19
Blue Bay UTC	MAURITIUS	20.50S	57.67E	0.77m	04 Oct 10:30
Deep Ocean Buoy 23226 UTC	ARABIAN SEA	20.20N	67.33E	0.12m	04 Oct 10:34
Pt Louis UTC	MAURITIUS	20.17S	57.33E	0.73m	04 Oct 10:44
Chittagong UTC	BANGLADESH	22.33N	91.67E	2.86m	04 Oct 10:44
Hillarys Harbor UTC	AUSTRALIA	31.80S	115.74E	0.73m	04 Oct 10:46
Salalah UTC	OMAN	16.90N	54.01E	1.74m	04 Oct 10:52
Gwadar UTC	PAKISTAN	25.00N	62.00E	0.80m	04 Oct 10:58
Geraldton. UTC	AUSTRALIA	28.80S	114.57E	1.32m	04 Oct 11:00
Muscat UTC	OMAN	23.60N	58.57E	0.87m	04 Oct 11:05
Jask UTC	IRAN	25.60N	57.77E	0.40m	04 Oct 11:30

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

GASCOYNE COAST	1036Z	04Oct2023	0.86m
PILBARA COAST WEST	1242Z	04Oct2023	0.73m
LEEUEWIN COAST	1310Z	04Oct2023	0.73m
AURORA BANK	1418Z	04Oct2023	1.33m
GERALDTON COAST	1502Z	04Oct2023	0.68m
HEARD ISLAND AND MCDONALD ISLANDS	1508Z	04Oct2023	2.01m
PERTH COAST	1744Z	04Oct2023	0.56m
BUNBURY GEOGRAPHE COAST	1754Z	04Oct2023	0.70m
PILBARA COAST EAST	1826Z	04Oct2023	0.60m

BANGLADESH

COXS BAZAR	0640Z	04Oct2023	2.81m
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CHALNA	0646Z	04Oct2023	0.89m
KUTUBDIA ISLAND	0652Z	04Oct2023	2.80m
BARGUNA	0652Z	04Oct2023	2.80m

COMOROS

BAMBAO	1220Z	04Oct2023	0.58m
FOMBONI	1226Z	04Oct2023	0.70m
CHEZANI	1226Z	04Oct2023	1.16m

DJIBOUTI

NW ARTA	1356Z	04Oct2023	0.71m
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FRANCE

ILE SAINT-PAUL-NORTH	1048Z	04Oct2023	0.65m
ILE SAINT-PAUL-SOUTH	1100Z	04Oct2023	1.05m
SAINT-DENIS	1104Z	04Oct2023	0.50m
ILE DE LA POSSESSION	1320Z	04Oct2023	1.09m
ILE KERGUELEN	1322Z	04Oct2023	1.04m
CROZET PLATEAU	1330Z	04Oct2023	0.88m

INDIA

NORTH SENTINEL ISLAND	0400Z	04Oct2023	5.42m
LITTLE ANDAMAN	0400Z	04Oct2023	13.72m
KOMATRA & KATCHAL ISLAND	0408Z	04Oct2023	14.39m
CAR NICOBAR	0408Z	04Oct2023	10.60m
INDIRA POINT	0410Z	04Oct2023	12.40m
PORT BLAIR	0414Z	04Oct2023	3.40m
FLAT ISLAND	0432Z	04Oct2023	3.15m
WEST & LANDFALL ISLAND	0432Z	04Oct2023	2.66m
HAVELOCK	0436Z	04Oct2023	4.07m
RANGATH BAY	0450Z	04Oct2023	2.94m
DIGLIPUR	0502Z	04Oct2023	3.87m
CHENNAI	0600Z	04Oct2023	5.11m
KAKINADA	0600Z	04Oct2023	2.49m
MARAKKANAM	0600Z	04Oct2023	7.70m
MAHABALIPURAM	0600Z	04Oct2023	5.11m
CUDDALORE	0602Z	04Oct2023	5.45m
SRIHARIKOTA	0602Z	04Oct2023	9.68m
PUDUCHERRY	0602Z	04Oct2023	4.86m
ENNORE	0604Z	04Oct2023	7.52m
MACHILIPATNAM	0604Z	04Oct2023	4.55m
POOMBUHAR	0606Z	04Oct2023	4.18m
VISAKHAPATNAM	0606Z	04Oct2023	2.21m
PARADIP	0606Z	04Oct2023	2.31m
PURI	0608Z	04Oct2023	2.82m
KALINGAPATNAM	0608Z	04Oct2023	2.41m
KARAIKAL	0608Z	04Oct2023	3.15m
NAGAPATTINAM	0608Z	04Oct2023	3.59m
PERUPALEM	0608Z	04Oct2023	3.26m
MALLIPATTINAM	0608Z	04Oct2023	2.53m
NIJAMPATTANAM	0610Z	04Oct2023	2.68m
KONADA	0610Z	04Oct2023	2.38m
KOTTAPATNAM	0614Z	04Oct2023	3.09m
MUTHUPET	0614Z	04Oct2023	2.26m
GOPALPUR	0618Z	04Oct2023	3.28m
JAMBOO	0624Z	04Oct2023	3.00m
TUTICORIN	0642Z	04Oct2023	1.77m
HEMNAGAR	0650Z	04Oct2023	1.01m
KOODANKULAM	0650Z	04Oct2023	2.26m
RAMESWARAM	0652Z	04Oct2023	1.56m
NAMKHANA	0656Z	04Oct2023	1.48m

DHAMRA	0656Z	04Oct2023	4.73m
KOTTTAIPPATTANAM	0656Z	04Oct2023	1.45m
KANYAKUMARI	0702Z	04Oct2023	2.48m
DIGHA	0704Z	04Oct2023	3.26m
CHANDIPUR	0710Z	04Oct2023	3.18m
TRIVANDRUM	0716Z	04Oct2023	1.53m
QUILON	0718Z	04Oct2023	1.45m
ALLEPPEY ALAPPUZHA	0732Z	04Oct2023	1.86m
VADANAPPALLY	0800Z	04Oct2023	1.04m
COCHIN	0800Z	04Oct2023	1.33m
AGATTI	0802Z	04Oct2023	1.10m
VAKKAD	0810Z	04Oct2023	0.87m
BEYPORE	0822Z	04Oct2023	0.84m
KANNUR	0832Z	04Oct2023	1.08m
MAHE	0838Z	04Oct2023	0.99m
KASARAGOD	0840Z	04Oct2023	1.17m
MALVAN BAY	1028Z	04Oct2023	0.77m
VASCO	1034Z	04Oct2023	0.85m
PANAJI	1048Z	04Oct2023	0.91m
KARWAR	1052Z	04Oct2023	1.14m
MANGALORE	1102Z	04Oct2023	1.01m
UDUPI	1118Z	04Oct2023	1.13m
JAIGARH	1138Z	04Oct2023	0.66m
DWARKA	1636Z	04Oct2023	0.55m
ALIBAG PORT	2026Z	04Oct2023	0.63m
MUMBAI	2026Z	04Oct2023	0.63m
JAMNAGAR	2032Z	04Oct2023	0.55m
HAZIRA, DIU	0334Z	05Oct2023	0.80m
INDONESIA			
NAD ACEH-JAYA	0420Z	04Oct2023	14.60m
NAD ACEH-BESAR B	0422Z	04Oct2023	16.46m
NAD SIMEULUE P.SIMEULUE	0422Z	04Oct2023	3.25m
NAD ACEH-BESAR P.PENASI	0424Z	04Oct2023	17.78m
NAD ACEH-BESAR P.BREUEH	0424Z	04Oct2023	19.18m
NAD KOTA-BANDA-ACEH	0426Z	04Oct2023	10.84m
NAD KOTA-SABANG P.WEH	0426Z	04Oct2023	11.39m
NAD ACEH-BARAT	0432Z	04Oct2023	8.93m
SUMUT NIAS B	0438Z	04Oct2023	1.57m
NAD NAGAN-RAYA	0442Z	04Oct2023	3.92m
NAD ACEH-BESAR U	0442Z	04Oct2023	7.26m
NAD ACEH-SINGKIL KEP.BANYAK	0442Z	04Oct2023	2.10m
NAD PIDIE	0446Z	04Oct2023	3.82m
SUMUT NIAS-SELATAN P.NIAS	0448Z	04Oct2023	1.71m
GUNUNGSITOLI	0448Z	04Oct2023	1.08m
NAD ACEH-BARAT-DAYA	0452Z	04Oct2023	2.65m
SUMUT NIAS-SELATAN P.TANAHMASA	0458Z	04Oct2023	1.03m
NAD ACEH-SELATAN U	0458Z	04Oct2023	1.83m
SUMUT NIAS-SELATAN P.TANABALA	0502Z	04Oct2023	1.19m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0506Z	04Oct2023	1.24m
NAD ACEH-SELATAN S	0510Z	04Oct2023	1.91m
NIAS	0516Z	04Oct2023	0.71m
NAD ACEH-UTARA T	0518Z	04Oct2023	3.00m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0520Z	04Oct2023	0.70m
MUARASIBERUT	0522Z	04Oct2023	0.57m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0524Z	04Oct2023	0.86m
NAD ACEH-TIMUR	0542Z	04Oct2023	1.68m
NAD ACEH-SINGKIL	0550Z	04Oct2023	0.78m
SUMUT TAPANULI-TENGAH U	0602Z	04Oct2023	1.15m
SUMUT TAPANULI-SELATAN	0602Z	04Oct2023	1.16m
NIAS-EAST	0612Z	04Oct2023	0.97m

SUMUT MANDAILING-NATAL U	0628Z	04Oct2023	1.03m
BENGKULU BENGKULU-UTARA S	0630Z	04Oct2023	0.87m
SOUTH OF BODAHAYIONE	0630Z	04Oct2023	0.67m
SUMUT TAPANULI-TENGAH S	0640Z	04Oct2023	1.00m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0650Z	04Oct2023	0.89m
NAD KOTA-LANGSA	0702Z	04Oct2023	1.20m
NAD ACEH-TAMIANG	0726Z	04Oct2023	1.03m
JABAR SUKABUMI PELABUHAN-RATU	0758Z	04Oct2023	1.19m
SUMUT LANGKAT	0802Z	04Oct2023	1.06m
BELAWAN	0828Z	04Oct2023	1.03m
SUMUT DELISERDANG	0840Z	04Oct2023	0.84m
SUMUT SERDANG-BEDAGAI	0858Z	04Oct2023	0.84m
BENGKULU SELUMA	0908Z	04Oct2023	0.76m
NIAS-NORTH	0946Z	04Oct2023	0.69m
BENGKULU BENGKULU-UTARA P.ENGGANO	1022Z	04Oct2023	0.58m
SUMUT MANDAILING-NATAL S	1030Z	04Oct2023	0.87m
SUMBAR KOTA-PADANG U	1032Z	04Oct2023	0.65m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1042Z	04Oct2023	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	1056Z	04Oct2023	0.56m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1058Z	04Oct2023	0.53m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1058Z	04Oct2023	0.86m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1100Z	04Oct2023	0.60m
BENGKULU BENGKULU-UTARA U	1104Z	04Oct2023	0.52m
LABUHAN BATU	1128Z	04Oct2023	0.62m
BANTEN SERANG B	1142Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1142Z	04Oct2023	0.51m
BANTEN KOTA-CILEGON P.SANGIANG	1142Z	04Oct2023	0.51m
LAMPUNG TANGGAMUS T	1142Z	04Oct2023	0.81m
SUMUT ASAHAN	1230Z	04Oct2023	0.79m
BANTEN LEBAK	1358Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1406Z	04Oct2023	0.53m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN B	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1414Z	04Oct2023	0.57m
LAMPUNG TANGGAMUS B	1430Z	04Oct2023	0.50m
SUMBAR AGAM	1456Z	04Oct2023	0.52m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1506Z	04Oct2023	0.52m
DUMAI	1628Z	04Oct2023	0.52m
BANTEN PANDEGLANG U	1808Z	04Oct2023	0.54m
JATENG CILACAP	1834Z	04Oct2023	0.52m

KENYA

KIWAYU	1212Z	04Oct2023	1.74m
KIPINI	1236Z	04Oct2023	1.31m
MVULENI	1236Z	04Oct2023	1.24m
MALINDI	1238Z	04Oct2023	1.84m
TAKAUNGU	1240Z	04Oct2023	1.87m
KISIMACHANDE	1244Z	04Oct2023	1.47m

MADAGASCAR

VOHEMAR	1130Z	04Oct2023	1.08m
ANOROTSANGANA	1132Z	04Oct2023	1.10m
AMBAHY	1202Z	04Oct2023	1.05m
TOAMASINA AIRPORT	1204Z	04Oct2023	0.55m
FARAFAGANA	1212Z	04Oct2023	1.64m
MANANTENINA	1214Z	04Oct2023	0.86m
TAMPOLO	1300Z	04Oct2023	1.07m
SAMPONA	1412Z	04Oct2023	1.11m
BALY	1426Z	04Oct2023	0.63m

MALAYSIA

SATUN	0744Z	04Oct2023	1.55m
YAN	0754Z	04Oct2023	0.76m
SEBERANG PERAI SELATAN	0818Z	04Oct2023	0.76m
WEST OF ALOR SETAR	0822Z	04Oct2023	1.13m
KUALA MUDA	0822Z	04Oct2023	1.13m
SEBERANG PERAI UTARA & BARAT DAYA	0828Z	04Oct2023	1.13m
KERIAN	0842Z	04Oct2023	1.02m
LARUT AND MATANG	0848Z	04Oct2023	1.05m
MANJUNG	0912Z	04Oct2023	1.02m
HILIR PERAK	1030Z	04Oct2023	0.81m
SABAK BERNAM	1110Z	04Oct2023	0.68m
KUALA SELANGOR	1136Z	04Oct2023	0.77m

MALDIVES

KOLHUFUSHI	0704Z	04Oct2023	5.82m
MALE	0704Z	04Oct2023	6.18m
DHIYAMIGILI	0706Z	04Oct2023	6.55m
KULHUDUFFUSHI	0706Z	04Oct2023	3.76m
THINADHOO	0706Z	04Oct2023	5.78m
GOIDHOO	0720Z	04Oct2023	3.36m
NILANDHOO	0726Z	04Oct2023	9.71m
FERIDHOO	0734Z	04Oct2023	3.17m

MAURITIUS

LA FERME	0944Z	04Oct2023	1.17m
CARGADOS CARAJOS	1016Z	04Oct2023	1.60m
GRANDE REVIERE SUD EST-EAST	1032Z	04Oct2023	0.74m
AGALEGA ISLAND	1040Z	04Oct2023	0.74m
GRANDE REVIERE SUD EST-WEST	1052Z	04Oct2023	0.72m

MOZAMBIQUE

MAGANJA	1248Z	04Oct2023	1.35m
MERONVI	1256Z	04Oct2023	1.09m
QUITERAJO	1258Z	04Oct2023	0.70m
TAVARI	1302Z	04Oct2023	0.69m
PEMBA	1304Z	04Oct2023	0.71m
MURREBUE	1304Z	04Oct2023	0.84m
MECUFI	1306Z	04Oct2023	0.85m
LURIO	1308Z	04Oct2023	0.91m
NANGATA	1312Z	04Oct2023	0.73m
MINHAUINE	1314Z	04Oct2023	0.77m
LUMBO	1314Z	04Oct2023	0.52m
XAI-XAI	1552Z	04Oct2023	0.52m

MYANMAR

LITTLE COCO ISLAND	0456Z	04Oct2023	1.98m
PREPARIS ISLAND	0508Z	04Oct2023	2.00m
GREAT WESTERN TORRES ISLAND	0532Z	04Oct2023	3.25m
KYWEGYAUNG	0534Z	04Oct2023	1.45m
CHEDUBA ISLAND	0542Z	04Oct2023	2.34m
THAN KYUN	0542Z	04Oct2023	4.59m
LORD LOUGHBOROUGH ISLAND	0544Z	04Oct2023	4.55m
MAWYEN	0546Z	04Oct2023	2.56m
MAGYIGYAING	0552Z	04Oct2023	1.93m
SITTWE	0612Z	04Oct2023	1.86m
THAWINCHAUNG	0614Z	04Oct2023	1.53m
KYAUKPYU	0616Z	04Oct2023	2.11m
MALI KYUN	0644Z	04Oct2023	1.98m
PHARPON	0656Z	04Oct2023	2.85m
YE	0712Z	04Oct2023	2.23m
YANGON-S	0720Z	04Oct2023	1.23m

OMAN
 HASIK 1056Z 04Oct2023 0.77m
 AL JAZER 1100Z 04Oct2023 0.60m
 AD DUQM 1102Z 04Oct2023 0.74m
 TAQAH 1112Z 04Oct2023 1.35m
 MIRBAT 1112Z 04Oct2023 0.94m
 RAS AR RUWAYS 1112Z 04Oct2023 0.55m
 AL ASHKHARAH 1114Z 04Oct2023 0.52m
 SALALAH 1120Z 04Oct2023 1.02m
 MASIRAH 1148Z 04Oct2023 0.65m

PAKISTAN
 ORMARA 1140Z 04Oct2023 0.52m
 SINDH 1542Z 04Oct2023 0.56m
 KARACHI 1806Z 04Oct2023 0.52m

SEYCHELLES
 FREGATE ISLAND 1008Z 04Oct2023 1.69m
 COETIVY ISLAND 1014Z 04Oct2023 0.90m
 TAKAMAKA 1028Z 04Oct2023 1.86m
 ILE DESROCHES 1040Z 04Oct2023 1.14m
 ALPHONSE ISLAND 1054Z 04Oct2023 0.54m
 ASTOVE ISLAND 1142Z 04Oct2023 0.65m
 ALDABRA 1150Z 04Oct2023 0.79m
 FARQUHAR GROUP 1208Z 04Oct2023 0.86m

SOMALIA
 BANDER-BEYLA 1102Z 04Oct2023 3.15m
 EYL 1108Z 04Oct2023 2.89m
 TOOXIN 1110Z 04Oct2023 2.39m
 JARIIBAN 1114Z 04Oct2023 2.71m
 GALDOGOB 1114Z 04Oct2023 2.93m
 XARARDHEERE 1120Z 04Oct2023 2.62m
 ITALA 1122Z 04Oct2023 2.31m
 CEEL DHEER 1122Z 04Oct2023 2.41m
 MAREEG 1124Z 04Oct2023 2.32m
 ABO 1126Z 04Oct2023 1.42m
 UARSCIECH 1130Z 04Oct2023 2.31m
 MUQDISHO 1134Z 04Oct2023 2.44m
 BEYNAX BARRE 1144Z 04Oct2023 2.18m
 BARAAWE 1148Z 04Oct2023 2.00m
 TURDHO 1156Z 04Oct2023 1.99m
 JILIB 1156Z 04Oct2023 1.45m
 NE BEERNAASI 1202Z 04Oct2023 1.96m
 KAAMBOONI 1210Z 04Oct2023 2.25m

SOUTH AFRICA
 FUNK SEAMOUNT 1548Z 04Oct2023 0.65m
 MARGATE 2040Z 04Oct2023 0.56m

SRI LANKA
 KATTANKUDI 0540Z 04Oct2023 9.22m
 ANAITIVU 0542Z 04Oct2023 10.44m
 PANKULAM 0542Z 04Oct2023 7.87m
 HAMBANTOTA 0546Z 04Oct2023 9.61m
 MULLAITTIVU 0546Z 04Oct2023 6.58m
 TANGALLE 0550Z 04Oct2023 7.07m
 CHUNDIKKULAM 0552Z 04Oct2023 6.51m
 MATARA 0554Z 04Oct2023 6.53m
 GALLE 0558Z 04Oct2023 6.53m

IOC Technical Series, 181 (I) Supplement 1
page 92

CHAVAKACHCHERI	0600Z	04Oct2023	3.41m
AMBALANGODA	0602Z	04Oct2023	4.17m
POINT PEDRO	0606Z	04Oct2023	3.30m
BERUWALA	0612Z	04Oct2023	3.24m
COLOMBO	0618Z	04Oct2023	2.22m
MORATUWA	0620Z	04Oct2023	4.92m
NEGOMBO	0628Z	04Oct2023	3.24m
MUNDAL LAKE	0632Z	04Oct2023	1.92m
MANNAR ISLAND	0642Z	04Oct2023	1.70m
MUSALI	0654Z	04Oct2023	1.29m

TANZANIA

VUMBA	1234Z	04Oct2023	0.82m
VUMBI	1238Z	04Oct2023	0.83m
ZANZIBAR	1240Z	04Oct2023	0.88m
GAZIJA	1244Z	04Oct2023	0.71m
JIMBO	1244Z	04Oct2023	0.96m
KUTANI	1248Z	04Oct2023	1.22m
RUVU	1250Z	04Oct2023	0.80m
MADANGWA	1254Z	04Oct2023	0.83m
WEST TO KONDE	1256Z	04Oct2023	0.91m
MSASANI	1302Z	04Oct2023	0.65m
BOMALANDNI	1318Z	04Oct2023	0.55m
BAGAMOYO	1328Z	04Oct2023	0.58m

THAILAND

THAI MUEANG	0534Z	04Oct2023	7.90m
KO RACHA NOI	0546Z	04Oct2023	4.47m
KOH SURIN TAI	0552Z	04Oct2023	5.09m
KOH LANTA YAI	0622Z	04Oct2023	2.04m
THAI MUEANG_TAKUA PA	0628Z	04Oct2023	7.13m
KOH ROK	0634Z	04Oct2023	1.28m
KOH TARUTAO	0642Z	04Oct2023	1.36m
MUEANG SATUN	0642Z	04Oct2023	1.36m

UNITED KINGDOM

MORESBY ISLAND	0730Z	04Oct2023	5.56m
DIEGO GARCIA	0732Z	04Oct2023	3.23m
NW EGMONT ISLAND	0754Z	04Oct2023	2.17m

YEMEN

SOCOTRA ISLAND SOUTH	1044Z	04Oct2023	3.05m
SOCOTRA ISLAND NORTH	1100Z	04Oct2023	1.26m
SOCOTRA ISLAND WEST	1116Z	04Oct2023	0.76m
DAMQAWT	1128Z	04Oct2023	1.37m
AL GHAYDAH AIRPORT	1130Z	04Oct2023	0.91m
ALQUMRAH	1258Z	04Oct2023	0.51m
HUSWAYN	1300Z	04Oct2023	0.59m
HARRAH	1310Z	04Oct2023	0.54m
MASILAH WADI	1310Z	04Oct2023	0.64m
EAST TO HAMI	1310Z	04Oct2023	0.59m
HAMI	1310Z	04Oct2023	0.52m
KHANFAR	1524Z	04Oct2023	1.17m
ADEN	1528Z	04Oct2023	0.93m
RUDUM	1558Z	04Oct2023	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 IOTWMS-TSP AUSTRALIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

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

TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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 IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

BULLETIN 12

IDY68501

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

TSUNAMI BULLETIN NUMBER 12 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 1240 UTC Wednesday 04 October 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

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

Sabang UTC	INDONESIA	5.80N	95.33E	3.67m	04 Oct 04:30
Port Blair UTC	INDIA	11.70N	92.76E	3.64m	04 Oct 04:39
Deep Ocean Buoy 23227 UTC	BAY OF BENGA	6.26N	88.79E	2.62m	04 Oct 04:41
Telukdalam UTC	INDONESIA	0.50N	97.83E	2.01m	04 Oct 05:08
Nancowry UTC	INDIA	8.10N	93.55E	8.47m	04 Oct 05:08
Meulaboh UTC	INDONESIA	4.17N	96.00E	9.11m	04 Oct 05:14
Deep Ocean Buoy 23218 UTC	BAY OF BENGA	10.00N	88.50E	0.49m	04 Oct 05:16
Ko Taphao Noi UTC	THAILAND	7.80N	98.42E	2.34m	04 Oct 05:41
Trincomalee UTC	SRI LANKA	8.67N	81.33E	4.80m	04 Oct 05:47
Enggano UTC	INDONESIA	5.30S	102.28E	0.90m	04 Oct 06:12
Padang UTC	INDONESIA	1.00S	100.37E	0.83m	04 Oct 06:14

Chennai UTC	INDIA	13.10N	80.30E	6.07m	04 Oct 06:20
Cocos Island. UTC	AUSTRALIA	12.10S	96.89E	1.24m	04 Oct 06:26
Visakhapatnam UTC	INDIA	17.70N	83.28E	3.98m	04 Oct 06:29
Colombo UTC	SRI LANKA	7.00N	79.85E	3.97m	04 Oct 06:32
Seblat UTC	INDONESIA	3.17S	101.50E	1.57m	04 Oct 06:34
Christmas Is UTC	AUSTRALIA	10.40S	105.67E	1.43m	04 Oct 06:45
Sibolga UTC	INDONESIA	1.67N	98.67E	2.77m	04 Oct 06:45
Sittwe UTC	MYANMAR	20.00N	92.83E	2.17m	04 Oct 06:46
Gan UTC	MALDIVES	0.70S	73.15E	5.58m	04 Oct 07:12
Hanimadhoo UTC	MALDIVES	6.80N	73.17E	4.64m	04 Oct 07:18
Tanjung Lesung UTC	INDONESIA	6.50S	105.50E	0.83m	04 Oct 07:19
Deep Ocean Buoy 23223 UTC	BAY OF BENGA	17.33N	89.48E	0.51m	04 Oct 07:21
Kirinda UTC	SRI LANKA	6.20N	81.32E	4.47m	04 Oct 07:21
Minicoy UTC	INDIA	8.30N	73.05E	2.00m	04 Oct 07:24
Langkawi UTC	MALAYSIA	6.50N	99.83E	1.12m	04 Oct 07:28
Marina Jambu UTC	INDONESIA	6.19S	105.83E	0.81m	04 Oct 07:29
Pangandaran UTC	INDONESIA	7.83S	108.50E	0.91m	04 Oct 07:36
Diego Garcia UTC	UK	7.20S	72.43E	3.11m	04 Oct 07:39
Cilacap UTC	INDONESIA	7.80S	109.00E	1.28m	04 Oct 07:41
Sadeng UTC	INDONESIA	8.33S	110.83E	0.89m	04 Oct 07:47
Prigi UTC	INDONESIA	8.33S	111.83E	0.78m	04 Oct 07:58
Cochin UTC	INDIA	10.00N	76.17E	2.40m	04 Oct 08:17
Benoa UTC	INDONESIA	8.83S	115.33E	0.41m	04 Oct 08:31
Lembar UTC	INDONESIA	8.70S	116.07E	0.26m	04 Oct 08:54
Point Murat UTC	AUSTRALIA	21.80S	114.19E	1.06m	04 Oct 09:24
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S	113.40E	0.68m	04 Oct 09:40
Rote UTC	INDONESIA	10.70S	123.06E	0.26m	04 Oct 09:42
Mormugao UTC	INDIA	15.40N	73.78E	1.51m	04 Oct 09:48
Rodrigues UTC	MAURITIUS	19.70S	63.42E	3.29m	04 Oct 09:50
Denis Island UTC	SEYCHELLES	3.80S	55.67E	1.47m	04 Oct 10:05

Agalega UTC	MAURITIUS	10.30S	56.59E	1.39m	04 Oct 10:19
Blue Bay UTC	MAURITIUS	20.50S	57.67E	0.77m	04 Oct 10:30
Deep Ocean Buoy 23226 UTC	ARABIAN SEA	20.20N	67.33E	0.12m	04 Oct 10:34
Pt Louis UTC	MAURITIUS	20.17S	57.33E	0.73m	04 Oct 10:44
Chittagong UTC	BANGLADESH	22.33N	91.67E	2.86m	04 Oct 10:44
Hillarys Harbor UTC	AUSTRALIA	31.80S	115.74E	0.73m	04 Oct 10:46
Salalah UTC	OMAN	16.90N	54.01E	1.74m	04 Oct 10:52
Gwadar UTC	PAKISTAN	25.00N	62.00E	0.80m	04 Oct 10:58
Geraldton. UTC	AUSTRALIA	28.80S	114.57E	1.32m	04 Oct 11:00
Muscat UTC	OMAN	23.60N	58.57E	0.87m	04 Oct 11:05
Jask UTC	IRAN	25.60N	57.77E	0.40m	04 Oct 11:30
Toamasina UTC	MADAGASCAR	18.20S	49.43E	0.95m	04 Oct 11:49
Broome. UTC	AUSTRALIA	18.00S	122.22E	0.16m	04 Oct 11:56
Dzaoudzi UTC	FRANCE	12.80S	45.26E	0.35m	04 Oct 12:10
Comores UTC	COMORES	11.70S	43.25E	0.24m	04 Oct 12:25
Lamu UTC	KENYA	2.30S	40.90E	1.20m	04 Oct 12:33

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			
GASCOYNE COAST	1036Z	04Oct2023	0.86m
PILBARA COAST WEST	1242Z	04Oct2023	0.73m

LEEUVIN COAST		1310Z	04Oct2023	0.73m
AURORA BANK		1418Z	04Oct2023	1.33m
GERALDTON COAST		1502Z	04Oct2023	0.68m
HEARD ISLAND AND MCDONALD ISLANDS		1508Z	04Oct2023	2.01m
PERTH COAST		1744Z	04Oct2023	0.56m
BUNBURY GEOGRAPHE COAST		1754Z	04Oct2023	0.70m
PILBARA COAST EAST		1826Z	04Oct2023	0.60m

BANGLADESH

COXS BAZAR	0640Z	04Oct2023	2.81m
CHALNA	0646Z	04Oct2023	0.89m
KUTUBDIA ISLAND	0652Z	04Oct2023	2.80m
BARGUNA	0652Z	04Oct2023	2.80m

COMOROS

BAMBAO	1220Z	04Oct2023	0.58m
FOMBONI	1226Z	04Oct2023	0.70m
CHEZANI	1226Z	04Oct2023	1.16m

DJIBOUTI

NW ARTA	1356Z	04Oct2023	0.71m
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FRANCE

ILE SAINT-PAUL-NORTH	1048Z	04Oct2023	0.65m
ILE SAINT-PAUL-SOUTH	1100Z	04Oct2023	1.05m
SAINT-DENIS	1104Z	04Oct2023	0.50m
ILE DE LA POSSESSION	1320Z	04Oct2023	1.09m
ILE KERGUELEN	1322Z	04Oct2023	1.04m
CROZET PLATEAU	1330Z	04Oct2023	0.88m

INDIA

LITTLE ANDAMAN	0400Z	04Oct2023	13.72m
NORTH SENTINEL ISLAND	0400Z	04Oct2023	5.42m
KOMATRA & KATCHAL ISLAND	0408Z	04Oct2023	14.39m
CAR NICOBAR	0408Z	04Oct2023	10.60m
INDIRA POINT	0410Z	04Oct2023	12.40m
PORT BLAIR	0414Z	04Oct2023	3.40m
WEST & LANDFALL ISLAND	0432Z	04Oct2023	2.66m
FLAT ISLAND	0432Z	04Oct2023	3.15m
HAVELOCK	0436Z	04Oct2023	4.07m
RANGATH BAY	0450Z	04Oct2023	2.94m
DIGLIPUR	0502Z	04Oct2023	3.87m
MARAKKANAM	0600Z	04Oct2023	7.70m
MAHABALIPURAM	0600Z	04Oct2023	5.11m
CHENNAI	0600Z	04Oct2023	5.11m
KAKINADA	0600Z	04Oct2023	2.49m
CUDDALORE	0602Z	04Oct2023	5.45m
SRIHARIKOTA	0602Z	04Oct2023	9.68m
PUDUCHERRY	0602Z	04Oct2023	4.86m
MACHILIPATNAM	0604Z	04Oct2023	4.55m
ENNORE	0604Z	04Oct2023	7.52m
POOMBUHAR	0606Z	04Oct2023	4.18m
PARADIP	0606Z	04Oct2023	2.31m
VISAKHAPATNAM	0606Z	04Oct2023	2.21m
PERUPALEM	0608Z	04Oct2023	3.26m
KARAIKAL	0608Z	04Oct2023	3.15m
NAGAPATTINAM	0608Z	04Oct2023	3.59m
KALINGAPATNAM	0608Z	04Oct2023	2.41m
PURI	0608Z	04Oct2023	2.82m
MALLIPATTINAM	0608Z	04Oct2023	2.53m
NIJAMPATTANAM	0610Z	04Oct2023	2.68m

KONADA	0610Z	04Oct2023	2.38m
MUTHUPET	0614Z	04Oct2023	2.26m
KOTTAPATNAM	0614Z	04Oct2023	3.09m
GOPALPUR	0618Z	04Oct2023	3.28m
JAMBOO	0624Z	04Oct2023	3.00m
TUTICORIN	0642Z	04Oct2023	1.77m
HEMNAGAR	0650Z	04Oct2023	1.01m
KOODANKULAM	0650Z	04Oct2023	2.26m
RAMESWARAM	0652Z	04Oct2023	1.56m
DHAMRA	0656Z	04Oct2023	4.73m
NAMKHANA	0656Z	04Oct2023	1.48m
KOTTTAIPPATTANAM	0656Z	04Oct2023	1.45m
KANYAKUMARI	0702Z	04Oct2023	2.48m
DIGHA	0704Z	04Oct2023	3.26m
CHANDIPUR	0710Z	04Oct2023	3.18m
TRIVANDRUM	0716Z	04Oct2023	1.53m
QUILON	0718Z	04Oct2023	1.45m
ALLEPPEY ALAPPUZHA	0732Z	04Oct2023	1.86m
VADANAPPALLY	0800Z	04Oct2023	1.04m
COCHIN	0800Z	04Oct2023	1.33m
VAKKAD	0810Z	04Oct2023	0.87m
BEYPORE	0822Z	04Oct2023	0.84m
KANNUR	0832Z	04Oct2023	1.08m
MAHE	0838Z	04Oct2023	0.99m
KASARAGOD	0840Z	04Oct2023	1.17m
MALVAN BAY	1028Z	04Oct2023	0.77m
VASCO	1034Z	04Oct2023	0.85m
PANAJI	1048Z	04Oct2023	0.91m
KARWAR	1052Z	04Oct2023	1.14m
MANGALORE	1102Z	04Oct2023	1.01m
UDUPI	1118Z	04Oct2023	1.13m
JAIGARH	1138Z	04Oct2023	0.66m
DWARKA	1636Z	04Oct2023	0.55m
ALIBAG PORT	2026Z	04Oct2023	0.63m
MUMBAI	2026Z	04Oct2023	0.63m
JAMNAGAR	2032Z	04Oct2023	0.55m
HAZIRA, DIU	0334Z	05Oct2023	0.80m
INDONESIA			
NAD ACEH-JAYA	0420Z	04Oct2023	14.60m
NAD ACEH-BESAR B	0422Z	04Oct2023	16.46m
NAD SIMEULUE P.SIMEULUE	0422Z	04Oct2023	3.25m
NAD ACEH-BESAR P.PENASI	0424Z	04Oct2023	17.78m
NAD ACEH-BESAR P.BREUEH	0424Z	04Oct2023	19.18m
NAD KOTA-SABANG P.WEH	0426Z	04Oct2023	11.39m
NAD KOTA-BANDA-ACEH	0426Z	04Oct2023	10.84m
NAD ACEH-BARAT	0432Z	04Oct2023	8.93m
SUMUT NIAS B	0438Z	04Oct2023	1.57m
NAD ACEH-BESAR U	0442Z	04Oct2023	7.26m
NAD ACEH-SINGKIL KEP.BANYAK	0442Z	04Oct2023	2.10m
NAD NAGAN-RAYA	0442Z	04Oct2023	3.92m
NAD PIDIE	0446Z	04Oct2023	3.82m
SUMUT NIAS-SELATAN P.NIAS	0448Z	04Oct2023	1.71m
GUNUNGSITOLI	0448Z	04Oct2023	1.08m
NAD ACEH-BARAT-DAYA	0452Z	04Oct2023	2.65m
SUMUT NIAS-SELATAN P.TANAHMASA	0458Z	04Oct2023	1.03m
NAD ACEH-SELATAN U	0458Z	04Oct2023	1.83m
SUMUT NIAS-SELATAN P.TANABALA	0502Z	04Oct2023	1.19m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0506Z	04Oct2023	1.24m
NAD ACEH-SELATAN S	0510Z	04Oct2023	1.91m
NIAS	0516Z	04Oct2023	0.71m

NAD ACEH-UTARA T	0518Z	04Oct2023	3.00m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0520Z	04Oct2023	0.70m
MUARASIBERUT	0522Z	04Oct2023	0.57m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0524Z	04Oct2023	0.86m
NAD ACEH-TIMUR	0542Z	04Oct2023	1.68m
SUMUT TAPANULI-TENGAH U	0602Z	04Oct2023	1.15m
SUMUT TAPANULI-SELATAN	0602Z	04Oct2023	1.16m
NIAS-EAST	0612Z	04Oct2023	0.97m
SUMUT MANDAILING-NATAL U	0628Z	04Oct2023	1.03m
BENGKULU BENGKULU-UTARA S	0630Z	04Oct2023	0.87m
SUMUT TAPANULI-TENGAH S	0640Z	04Oct2023	1.00m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0650Z	04Oct2023	0.89m
NAD KOTA-LANGSA	0702Z	04Oct2023	1.20m
NAD ACEH-TAMIANG	0726Z	04Oct2023	1.03m
JABAR SUKABUMI PELABUHAN-RATU	0758Z	04Oct2023	1.19m
SUMUT LANGKAT	0802Z	04Oct2023	1.06m
BELAWAN	0828Z	04Oct2023	1.03m
SUMUT DELISERDANG	0840Z	04Oct2023	0.84m
SUMUT SERDANG-BEDAGAI	0858Z	04Oct2023	0.84m
BENGKULU SELUMA	0908Z	04Oct2023	0.76m
BENGKULU BENGKULU-UTARA P.ENGGANO	1022Z	04Oct2023	0.58m
SUMUT MANDAILING-NATAL S	1030Z	04Oct2023	0.87m
SUMBAR KOTA-PADANG U	1032Z	04Oct2023	0.65m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1042Z	04Oct2023	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	1056Z	04Oct2023	0.56m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1058Z	04Oct2023	0.86m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1058Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1100Z	04Oct2023	0.60m
BENGKULU BENGKULU-UTARA U	1104Z	04Oct2023	0.52m
LABUHAN BATU	1128Z	04Oct2023	0.62m
LAMPUNG TANGGAMUS T	1142Z	04Oct2023	0.81m
BANTEN KOTA-CILEGON P.SANGIANG	1142Z	04Oct2023	0.51m
BANTEN SERANG B	1142Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1142Z	04Oct2023	0.51m
SUMUT ASAHAN	1230Z	04Oct2023	0.79m
BANTEN LEBAK	1358Z	04Oct2023	0.51m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN B	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1414Z	04Oct2023	0.57m
LAMPUNG TANGGAMUS B	1430Z	04Oct2023	0.50m
SUMBAR AGAM	1456Z	04Oct2023	0.52m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1506Z	04Oct2023	0.52m
DUMAI	1628Z	04Oct2023	0.52m
BANTEN PANDEGLANG U	1808Z	04Oct2023	0.54m
JATENG CILACAP	1834Z	04Oct2023	0.52m

KENYA

KIWAYU	1212Z	04Oct2023	1.74m
KIPINI	1236Z	04Oct2023	1.31m
MVULENI	1236Z	04Oct2023	1.24m
MALINDI	1238Z	04Oct2023	1.84m
TAKAUNGU	1240Z	04Oct2023	1.87m
KISIMACHANDE	1244Z	04Oct2023	1.47m

MADAGASCAR

VOHEMAR	1130Z	04Oct2023	1.08m
ANOROTSANGANA	1132Z	04Oct2023	1.10m
AMBAHY	1202Z	04Oct2023	1.05m
TOAMASINA AIRPORT	1204Z	04Oct2023	0.55m
FARAFAGANA	1212Z	04Oct2023	1.64m

IOC Technical Series, 181 (I) Supplement 1
page 100

MANANTENINA	1214Z	04Oct2023	0.86m
TAMPOLO	1300Z	04Oct2023	1.07m
SAMPONA	1412Z	04Oct2023	1.11m
BALY	1426Z	04Oct2023	0.63m
MALAYSIA			
SATUN	0744Z	04Oct2023	1.55m
YAN	0754Z	04Oct2023	0.76m
SEBERANG PERAI SELATAN	0818Z	04Oct2023	0.76m
WEST OF ALOR SETAR	0822Z	04Oct2023	1.13m
KUALA MUDA	0822Z	04Oct2023	1.13m
SEBERANG PERAI UTARA & BARAT DAYA	0828Z	04Oct2023	1.13m
KERIAN	0842Z	04Oct2023	1.02m
LARUT AND MATANG	0848Z	04Oct2023	1.05m
MANJUNG	0912Z	04Oct2023	1.02m
HILIR PERAK	1030Z	04Oct2023	0.81m
SABAK BERNAM	1110Z	04Oct2023	0.68m
KUALA SELANGOR	1136Z	04Oct2023	0.77m
MALDIVES			
KOLHUFUSHI	0704Z	04Oct2023	5.82m
MALE	0704Z	04Oct2023	6.18m
DHIYAMIGILI	0706Z	04Oct2023	6.55m
KULHUDUFFUSHI	0706Z	04Oct2023	3.76m
THINADHOO	0706Z	04Oct2023	5.78m
GOIDHOO	0720Z	04Oct2023	3.36m
NILANDHOO	0726Z	04Oct2023	9.71m
FERIDHOO	0734Z	04Oct2023	3.17m
MAURITIUS			
LA FERME	0944Z	04Oct2023	1.17m
CARGADOS CARAJOS	1016Z	04Oct2023	1.60m
GRANDE REVIERE SUD EST-EAST	1032Z	04Oct2023	0.74m
AGALEGA ISLAND	1040Z	04Oct2023	0.74m
GRANDE REVIERE SUD EST-WEST	1052Z	04Oct2023	0.72m
MOZAMBIQUE			
MAGANJA	1248Z	04Oct2023	1.35m
MERONVI	1256Z	04Oct2023	1.09m
QUITERAJO	1258Z	04Oct2023	0.70m
TAVARI	1302Z	04Oct2023	0.69m
PEMBA	1304Z	04Oct2023	0.71m
MURREBUE	1304Z	04Oct2023	0.84m
MECUFI	1306Z	04Oct2023	0.85m
LURIO	1308Z	04Oct2023	0.91m
NANGATA	1312Z	04Oct2023	0.73m
MINHAUINE	1314Z	04Oct2023	0.77m
LUMBO	1314Z	04Oct2023	0.52m
XAI-XAI	1552Z	04Oct2023	0.52m
MYANMAR			
LITTLE COCO ISLAND	0456Z	04Oct2023	1.98m
PREPARIS ISLAND	0508Z	04Oct2023	2.00m
GREAT WESTERN TORRES ISLAND	0532Z	04Oct2023	3.25m
KYWEGYAUNG	0534Z	04Oct2023	1.45m
CHEDUBA ISLAND	0542Z	04Oct2023	2.34m
THAN KYUN	0542Z	04Oct2023	4.59m
LORD LOUGHBOROUGH ISLAND	0544Z	04Oct2023	4.55m
MAWYEN	0546Z	04Oct2023	2.56m
MAGYIGYAING	0552Z	04Oct2023	1.93m
SITTWE	0612Z	04Oct2023	1.86m

THAWINCHAUNG		0614Z	04Oct2023	1.53m
KYAUKPYU		0616Z	04Oct2023	2.11m
MALI KYUN		0644Z	04Oct2023	1.98m
PHARPON		0656Z	04Oct2023	2.85m
YE		0712Z	04Oct2023	2.23m
YANGON-S		0720Z	04Oct2023	1.23m

OMAN

HASIK	1056Z	04Oct2023	0.77m
AL JAZER	1100Z	04Oct2023	0.60m
AD DUQM	1102Z	04Oct2023	0.74m
TAQAH	1112Z	04Oct2023	1.35m
MIRBAT	1112Z	04Oct2023	0.94m
RAS AR RUWAYS	1112Z	04Oct2023	0.55m
AL ASHKHARAH	1114Z	04Oct2023	0.52m
SALALAH	1120Z	04Oct2023	1.02m
MASIRAH	1148Z	04Oct2023	0.65m

PAKISTAN

ORMARA	1140Z	04Oct2023	0.52m
SINDH	1542Z	04Oct2023	0.56m
KARACHI	1806Z	04Oct2023	0.52m

SEYCHELLES

FREGATE ISLAND	1008Z	04Oct2023	1.69m
COETIVY ISLAND	1014Z	04Oct2023	0.90m
TAKAMAKA	1028Z	04Oct2023	1.86m
ILE DESROCHES	1040Z	04Oct2023	1.14m
ALPHONSE ISLAND	1054Z	04Oct2023	0.54m
ASTOVE ISLAND	1142Z	04Oct2023	0.65m
ALDABRA	1150Z	04Oct2023	0.79m
FARQUHAR GROUP	1208Z	04Oct2023	0.86m

SOMALIA

BANDER-BEYLA	1102Z	04Oct2023	3.15m
EYL	1108Z	04Oct2023	2.89m
TOOXIN	1110Z	04Oct2023	2.39m
JARIIBAN	1114Z	04Oct2023	2.71m
GALDOGOB	1114Z	04Oct2023	2.93m
XARARDHEERE	1120Z	04Oct2023	2.62m
ITALA	1122Z	04Oct2023	2.31m
CEEL DHEER	1122Z	04Oct2023	2.41m
MAREEG	1124Z	04Oct2023	2.32m
ABO	1126Z	04Oct2023	1.42m
UARSCIECH	1130Z	04Oct2023	2.31m
MUQDISHO	1134Z	04Oct2023	2.44m
BEYNAX BARRE	1144Z	04Oct2023	2.18m
BARAAWE	1148Z	04Oct2023	2.00m
TURDHO	1156Z	04Oct2023	1.99m
JILIB	1156Z	04Oct2023	1.45m
NE BEERNAASI	1202Z	04Oct2023	1.96m
KAAMBOONI	1210Z	04Oct2023	2.25m

SOUTH AFRICA

FUNK SEAMOUNT	1548Z	04Oct2023	0.65m
MARGATE	2040Z	04Oct2023	0.56m

SRI LANKA

KATTANKUDI	0540Z	04Oct2023	9.22m
ANAITIVU	0542Z	04Oct2023	10.44m
HAMBANTOTA	0546Z	04Oct2023	9.61m

IOC Technical Series, 181 (I) Supplement 1
page 102

MULLAITTIVU	0546Z	04Oct2023	6.58m
TANGALLE	0550Z	04Oct2023	7.07m
CHUNDIKKULAM	0552Z	04Oct2023	6.51m
MATARA	0554Z	04Oct2023	6.53m
GALLE	0558Z	04Oct2023	6.53m
CHAVAKACHCHERI	0600Z	04Oct2023	3.41m
AMBALANGODA	0602Z	04Oct2023	4.17m
POINT PEDRO	0606Z	04Oct2023	3.30m
BERUWALA	0612Z	04Oct2023	3.24m
COLOMBO	0618Z	04Oct2023	2.22m
MORATUWA	0620Z	04Oct2023	4.92m
NEGOMBO	0628Z	04Oct2023	3.24m
MUNDAL LAKE	0632Z	04Oct2023	1.92m
MANNAR ISLAND	0642Z	04Oct2023	1.70m
MUSALI	0654Z	04Oct2023	1.29m

TANZANIA

VUMBA	1234Z	04Oct2023	0.82m
VUMBI	1238Z	04Oct2023	0.83m
ZANZIBAR	1240Z	04Oct2023	0.88m
GAZIJA	1244Z	04Oct2023	0.71m
JIMBO	1244Z	04Oct2023	0.96m
KUTANI	1248Z	04Oct2023	1.22m
RUVU	1250Z	04Oct2023	0.80m
MADANGWA	1254Z	04Oct2023	0.83m
WEST TO KONDE	1256Z	04Oct2023	0.91m
MSASANI	1302Z	04Oct2023	0.65m
BOMALANDNI	1318Z	04Oct2023	0.55m
BAGAMOYO	1328Z	04Oct2023	0.58m

THAILAND

THAI MUEANG	0534Z	04Oct2023	7.90m
KO RACHA NOI	0546Z	04Oct2023	4.47m
KOH SURIN TAI	0552Z	04Oct2023	5.09m
KOH LANTA YAI	0622Z	04Oct2023	2.04m
THAI MUEANG TAKUA PA	0628Z	04Oct2023	7.13m
KOH ROK	0634Z	04Oct2023	1.28m
KOH TARUTAO	0642Z	04Oct2023	1.36m
MUEANG SATUN	0642Z	04Oct2023	1.36m

UNITED KINGDOM

MORESBY ISLAND	0730Z	04Oct2023	5.56m
DIEGO GARCIA	0732Z	04Oct2023	3.23m
NW EGMONT ISLAND	0754Z	04Oct2023	2.17m

YEMEN

SOCOTRA ISLAND SOUTH	1044Z	04Oct2023	3.05m
SOCOTRA ISLAND NORTH	1100Z	04Oct2023	1.26m
SOCOTRA ISLAND WEST	1116Z	04Oct2023	0.76m
DAMQAWT	1128Z	04Oct2023	1.37m
AL GHAYDAH AIRPORT	1130Z	04Oct2023	0.91m
ALQUMRAH	1258Z	04Oct2023	0.51m
HUSWAYN	1300Z	04Oct2023	0.59m
HARRAH	1310Z	04Oct2023	0.54m
MASILAH WADI	1310Z	04Oct2023	0.64m
EAST TO HAMI	1310Z	04Oct2023	0.59m
HAMI	1310Z	04Oct2023	0.52m
KHANFAR	1524Z	04Oct2023	1.17m
ADEN	1528Z	04Oct2023	0.93m
RUDUM	1558Z	04Oct2023	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 IOTWMS-TSP AUSTRALIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/egevents.jsp>
TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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 IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

BULLETIN 13

IDY68501

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

TSUNAMI BULLETIN NUMBER 13 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 1340 UTC Wednesday 04 October 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

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

Sabang UTC	INDONESIA	5.80N	95.33E	3.67m	04 Oct 04:30
Port Blair UTC	INDIA	11.70N	92.76E	3.64m	04 Oct 04:39
Deep Ocean Buoy 23227 UTC	BAY OF BENGA	6.26N	88.79E	2.62m	04 Oct 04:41
Telukdalam UTC	INDONESIA	0.50N	97.83E	2.01m	04 Oct 05:08
Nancowry UTC	INDIA	8.10N	93.55E	8.47m	04 Oct 05:08
Meulaboh UTC	INDONESIA	4.17N	96.00E	9.11m	04 Oct 05:14
Deep Ocean Buoy 23218 UTC	BAY OF BENGA	10.00N	88.50E	0.49m	04 Oct 05:16
Ko Taphao Noi UTC	THAILAND	7.80N	98.42E	2.34m	04 Oct 05:41
Trincomalee UTC	SRI LANKA	8.67N	81.33E	4.80m	04 Oct 05:47
Enggano UTC	INDONESIA	5.30S	102.28E	0.90m	04 Oct 06:12
Padang UTC	INDONESIA	1.00S	100.37E	0.83m	04 Oct 06:14

Chennai UTC	INDIA	13.10N	80.30E	6.07m	04 Oct 06:20
Cocos Island. UTC	AUSTRALIA	12.10S	96.89E	1.24m	04 Oct 06:26
Visakhapatnam UTC	INDIA	17.70N	83.28E	3.98m	04 Oct 06:29
Colombo UTC	SRI LANKA	7.00N	79.85E	3.97m	04 Oct 06:32
Seblat UTC	INDONESIA	3.17S	101.50E	1.57m	04 Oct 06:34
Christmas Is UTC	AUSTRALIA	10.40S	105.67E	1.43m	04 Oct 06:45
Sibolga UTC	INDONESIA	1.67N	98.67E	2.77m	04 Oct 06:45
Sittwe UTC	MYANMAR	20.00N	92.83E	2.17m	04 Oct 06:46
Gan UTC	MALDIVES	0.70S	73.15E	5.58m	04 Oct 07:12
Hanimadhoo UTC	MALDIVES	6.80N	73.17E	4.64m	04 Oct 07:18
Tanjung Lesung UTC	INDONESIA	6.50S	105.50E	0.83m	04 Oct 07:19
Deep Ocean Buoy 23223 UTC	BAY OF BENGA	17.33N	89.48E	0.51m	04 Oct 07:21
Kirinda UTC	SRI LANKA	6.20N	81.32E	4.47m	04 Oct 07:21
Minicoy UTC	INDIA	8.30N	73.05E	2.00m	04 Oct 07:24
Langkawi UTC	MALAYSIA	6.50N	99.83E	1.12m	04 Oct 07:28
Marina Jambu UTC	INDONESIA	6.19S	105.83E	0.81m	04 Oct 07:29
Pangandaran UTC	INDONESIA	7.83S	108.50E	0.91m	04 Oct 07:36
Diego Garcia UTC	UK	7.20S	72.43E	3.11m	04 Oct 07:39
Cilacap UTC	INDONESIA	7.80S	109.00E	1.28m	04 Oct 07:41
Sadeng UTC	INDONESIA	8.33S	110.83E	0.89m	04 Oct 07:47
Prigi UTC	INDONESIA	8.33S	111.83E	0.78m	04 Oct 07:58
Cochin UTC	INDIA	10.00N	76.17E	2.40m	04 Oct 08:17
Benoa UTC	INDONESIA	8.83S	115.33E	0.41m	04 Oct 08:31
Lembar UTC	INDONESIA	8.70S	116.07E	0.26m	04 Oct 08:54
Point Murat UTC	AUSTRALIA	21.80S	114.19E	1.06m	04 Oct 09:24
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S	113.40E	0.68m	04 Oct 09:40
Rote UTC	INDONESIA	10.70S	123.06E	0.26m	04 Oct 09:42
Mormugao UTC	INDIA	15.40N	73.78E	1.51m	04 Oct 09:48
Rodrigues UTC	MAURITIUS	19.70S	63.42E	3.29m	04 Oct 09:50
Denis Island UTC	SEYCHELLES	3.80S	55.67E	1.47m	04 Oct 10:05

Agalega UTC	MAURITIUS	10.30S	56.59E	1.39m	04 Oct 10:19
Blue Bay UTC	MAURITIUS	20.50S	57.67E	0.77m	04 Oct 10:30
Deep Ocean Buoy 23226 UTC	ARABIAN SEA	20.20N	67.33E	0.12m	04 Oct 10:34
Pt Louis UTC	MAURITIUS	20.17S	57.33E	0.73m	04 Oct 10:44
Chittagong UTC	BANGLADESH	22.33N	91.67E	2.86m	04 Oct 10:44
Hillarys Harbor UTC	AUSTRALIA	31.80S	115.74E	0.73m	04 Oct 10:46
Salalah UTC	OMAN	16.90N	54.01E	1.74m	04 Oct 10:52
Gwadar UTC	PAKISTAN	25.00N	62.00E	0.80m	04 Oct 10:58
Geraldton. UTC	AUSTRALIA	28.80S	114.57E	1.32m	04 Oct 11:00
Muscat UTC	OMAN	23.60N	58.57E	0.87m	04 Oct 11:05
Jask UTC	IRAN	25.60N	57.77E	0.40m	04 Oct 11:30
Toamasina UTC	MADAGASCAR	18.20S	49.43E	0.95m	04 Oct 11:49
Broome. UTC	AUSTRALIA	18.00S	122.22E	0.16m	04 Oct 11:56
Dzaoudzi UTC	FRANCE	12.80S	45.26E	0.35m	04 Oct 12:10
Comores UTC	COMORES	11.70S	43.25E	0.24m	04 Oct 12:25
Lamu UTC	KENYA	2.30S	40.90E	1.20m	04 Oct 12:33
Mombasa UTC	KENYA	4.10S	39.65E	2.97m	04 Oct 12:40
Aden UTC	YEMEN	12.80N	44.97E	0.30m	04 Oct 12:41
Esperance. UTC	AUSTRALIA	33.83S	122.00E	0.10m	04 Oct 12:45
Mtwara UTC	TANZANIA	10.33S	40.33E	1.10m	04 Oct 12:46
Karachi UTC	PAKISTAN	24.83N	66.83E	0.50m	04 Oct 13:20

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

GASCOYNE COAST	1036Z	04Oct2023	0.86m
PILBARA COAST WEST	1242Z	04Oct2023	0.73m
LEEUEWIN COAST	1310Z	04Oct2023	0.73m
AURORA BANK	1418Z	04Oct2023	1.33m
GERALDTON COAST	1502Z	04Oct2023	0.68m
HEARD ISLAND AND MCDONALD ISLANDS	1508Z	04Oct2023	2.01m
PERTH COAST	1744Z	04Oct2023	0.56m
BUNBURY GEOGRAPHE COAST	1754Z	04Oct2023	0.70m
PILBARA COAST EAST	1826Z	04Oct2023	0.60m

BANGLADESH

COXS BAZAR	0640Z	04Oct2023	2.81m
CHALNA	0646Z	04Oct2023	0.89m
KUTUBDIA ISLAND	0652Z	04Oct2023	2.80m
BARGUNA	0652Z	04Oct2023	2.80m

COMOROS

BAMBAO	1220Z	04Oct2023	0.58m
FOMBONI	1226Z	04Oct2023	0.70m
CHEZANI	1226Z	04Oct2023	1.16m

DJIBOUTI

NW ARTA	1356Z	04Oct2023	0.71m
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FRANCE

ILE SAINT-PAUL-NORTH	1048Z	04Oct2023	0.65m
ILE SAINT-PAUL-SOUTH	1100Z	04Oct2023	1.05m
SAINT-DENIS	1104Z	04Oct2023	0.50m
ILE DE LA POSSESSION	1320Z	04Oct2023	1.09m
ILE KERGUELEN	1322Z	04Oct2023	1.04m
CROZET PLATEAU	1330Z	04Oct2023	0.88m

INDIA

LITTLE ANDAMAN	0400Z	04Oct2023	13.72m
NORTH SENTINEL ISLAND	0400Z	04Oct2023	5.42m
KOMATRA & KATCHAL ISLAND	0408Z	04Oct2023	14.39m
CAR NICOBAR	0408Z	04Oct2023	10.60m
INDIRA POINT	0410Z	04Oct2023	12.40m
PORT BLAIR	0414Z	04Oct2023	3.40m
WEST & LANDFALL ISLAND	0432Z	04Oct2023	2.66m
FLAT ISLAND	0432Z	04Oct2023	3.15m
HAVELOCK	0436Z	04Oct2023	4.07m
RANGATH BAY	0450Z	04Oct2023	2.94m
DIGLIPUR	0502Z	04Oct2023	3.87m
MARAKKANAM	0600Z	04Oct2023	7.70m
MAHABALIPURAM	0600Z	04Oct2023	5.11m
CHENNAI	0600Z	04Oct2023	5.11m
KAKINADA	0600Z	04Oct2023	2.49m
CUDDALORE	0602Z	04Oct2023	5.45m
SRIHARIKOTA	0602Z	04Oct2023	9.68m
PUDUCHERRY	0602Z	04Oct2023	4.86m
MACHILIPATNAM	0604Z	04Oct2023	4.55m
ENNORE	0604Z	04Oct2023	7.52m

POOMBUHAR	0606Z	04Oct2023	4.18m
PARADIP	0606Z	04Oct2023	2.31m
VISAKHAPATNAM	0606Z	04Oct2023	2.21m
PERUPALEM	0608Z	04Oct2023	3.26m
KARAIKAL	0608Z	04Oct2023	3.15m
NAGAPATTINAM	0608Z	04Oct2023	3.59m
KALINGAPATNAM	0608Z	04Oct2023	2.41m
PURI	0608Z	04Oct2023	2.82m
MALLIPATTINAM	0608Z	04Oct2023	2.53m
NIJAMPATTANAM	0610Z	04Oct2023	2.68m
KONADA	0610Z	04Oct2023	2.38m
MUTHUPET	0614Z	04Oct2023	2.26m
KOTTAPATNAM	0614Z	04Oct2023	3.09m
GOPALPUR	0618Z	04Oct2023	3.28m
JAMBOO	0624Z	04Oct2023	3.00m
TUTICORIN	0642Z	04Oct2023	1.77m
HEMNAGAR	0650Z	04Oct2023	1.01m
KOODANKULAM	0650Z	04Oct2023	2.26m
RAMESWARAM	0652Z	04Oct2023	1.56m
DHAMRA	0656Z	04Oct2023	4.73m
NAMKHANA	0656Z	04Oct2023	1.48m
KOTTTAIPPATTANAM	0656Z	04Oct2023	1.45m
KANYAKUMARI	0702Z	04Oct2023	2.48m
DIGHA	0704Z	04Oct2023	3.26m
CHANDIPUR	0710Z	04Oct2023	3.18m
TRIVANDRUM	0716Z	04Oct2023	1.53m
QUILON	0718Z	04Oct2023	1.45m
ALLEPPEY ALAPPUZHA	0732Z	04Oct2023	1.86m
VADANAPPALLY	0800Z	04Oct2023	1.04m
COCHIN	0800Z	04Oct2023	1.33m
VAKKAD	0810Z	04Oct2023	0.87m
BEYPORE	0822Z	04Oct2023	0.84m
KANNUR	0832Z	04Oct2023	1.08m
MAHE	0838Z	04Oct2023	0.99m
KASARAGOD	0840Z	04Oct2023	1.17m
MALVAN BAY	1028Z	04Oct2023	0.77m
VASCO	1034Z	04Oct2023	0.85m
PANAJI	1048Z	04Oct2023	0.91m
KARWAR	1052Z	04Oct2023	1.14m
MANGALORE	1102Z	04Oct2023	1.01m
UDUPI	1118Z	04Oct2023	1.13m
JAIGARH	1138Z	04Oct2023	0.66m
DWARKA	1636Z	04Oct2023	0.55m
ALIBAG PORT	2026Z	04Oct2023	0.63m
MUMBAI	2026Z	04Oct2023	0.63m
JAMNAGAR	2032Z	04Oct2023	0.55m
HAZIRA, DIU	0334Z	05Oct2023	0.80m
INDONESIA			
NAD ACEH-JAYA	0420Z	04Oct2023	14.60m
NAD ACEH-BESAR B	0422Z	04Oct2023	16.46m
NAD SIMEULUE P.SIMEULUE	0422Z	04Oct2023	3.25m
NAD ACEH-BESAR P.BREUEH	0424Z	04Oct2023	19.18m
NAD ACEH-BESAR P.PENASI	0424Z	04Oct2023	17.78m
NAD KOTA-SABANG P.WEH	0426Z	04Oct2023	11.39m
NAD KOTA-BANDA-ACEH	0426Z	04Oct2023	10.84m
NAD ACEH-BARAT	0432Z	04Oct2023	8.93m
SUMUT NIAS B	0438Z	04Oct2023	1.57m
NAD NAGAN-RAYA	0442Z	04Oct2023	3.92m
NAD ACEH-SINGKIL KEP.BANYAK	0442Z	04Oct2023	2.10m
NAD ACEH-BESAR U	0442Z	04Oct2023	7.26m

NAD PIDIE	0446Z	04Oct2023	3.82m
GUNUNGSITOLI	0448Z	04Oct2023	1.08m
SUMUT NIAS-SELATAN P.NIAS	0448Z	04Oct2023	1.71m
NAD ACEH-BARAT-DAYA	0452Z	04Oct2023	2.65m
NAD ACEH-SELATAN U	0458Z	04Oct2023	1.83m
SUMUT NIAS-SELATAN P.TANAHMASA	0458Z	04Oct2023	1.03m
SUMUT NIAS-SELATAN P.TANABALA	0502Z	04Oct2023	1.19m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0506Z	04Oct2023	1.24m
NAD ACEH-SELATAN S	0510Z	04Oct2023	1.91m
NIAS	0516Z	04Oct2023	0.71m
NAD ACEH-UTARA T	0518Z	04Oct2023	3.00m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0520Z	04Oct2023	0.70m
MUARASIBERUT	0522Z	04Oct2023	0.57m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0524Z	04Oct2023	0.86m
NAD ACEH-TIMUR	0542Z	04Oct2023	1.68m
SUMUT TAPANULI-SELATAN	0602Z	04Oct2023	1.16m
SUMUT TAPANULI-TENGAH U	0602Z	04Oct2023	1.15m
SUMUT MANDAILING-NATAL U	0628Z	04Oct2023	1.03m
BENGKULU BENGKULU-UTARA S	0630Z	04Oct2023	0.87m
SUMUT TAPANULI-TENGAH S	0640Z	04Oct2023	1.00m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0650Z	04Oct2023	0.89m
NAD KOTA-LANGSA	0702Z	04Oct2023	1.20m
NAD ACEH-TAMIANG	0726Z	04Oct2023	1.03m
JABAR SUKABUMI PELABUHAN-RATU	0758Z	04Oct2023	1.19m
SUMUT LANGKAT	0802Z	04Oct2023	1.06m
BELAWAN	0828Z	04Oct2023	1.03m
SUMUT DELISERDANG	0840Z	04Oct2023	0.84m
SUMUT SERDANG-BEDAGAI	0858Z	04Oct2023	0.84m
BENGKULU SELUMA	0908Z	04Oct2023	0.76m
SUMBAR KOTA-PADANG U	1032Z	04Oct2023	0.65m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1042Z	04Oct2023	0.67m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1058Z	04Oct2023	0.53m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1058Z	04Oct2023	0.86m
BENGKULU BENGKULU-UTARA U	1104Z	04Oct2023	0.52m
LABUHAN BATU	1128Z	04Oct2023	0.62m
LAMPUNG TANGGAMUS T	1142Z	04Oct2023	0.81m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1142Z	04Oct2023	0.51m
BANTEN KOTA-CILEGON P.SANGIANG	1142Z	04Oct2023	0.51m
BANTEN SERANG B	1142Z	04Oct2023	0.51m
SUMUT ASAHAN	1230Z	04Oct2023	0.79m
BANTEN LEBAK	1358Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1406Z	04Oct2023	0.53m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN B	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1414Z	04Oct2023	0.57m
LAMPUNG TANGGAMUS B	1430Z	04Oct2023	0.50m
SUMBAR AGAM	1456Z	04Oct2023	0.52m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1506Z	04Oct2023	0.52m
DUMAI	1628Z	04Oct2023	0.52m
BANTEN PANDEGLANG U	1808Z	04Oct2023	0.54m
JATENG CILACAP	1834Z	04Oct2023	0.52m

KENYA

KIWAYU	1212Z	04Oct2023	1.74m
KIPINI	1236Z	04Oct2023	1.31m
MVULENI	1236Z	04Oct2023	1.24m
MALINDI	1238Z	04Oct2023	1.84m
TAKAUNGU	1240Z	04Oct2023	1.87m
KISIMACHANDE	1244Z	04Oct2023	1.47m

MADAGASCAR

IOC Technical Series, 181 (I) Supplement 1
page 110

VOHEMAR	1130Z	04Oct2023	1.08m
ANOROTSANGANA	1132Z	04Oct2023	1.10m
AMBAHY	1202Z	04Oct2023	1.05m
TOAMASINA AIRPORT	1204Z	04Oct2023	0.55m
FARAFAGANA	1212Z	04Oct2023	1.64m
MANANTENINA	1214Z	04Oct2023	0.86m
TAMPOLO	1300Z	04Oct2023	1.07m
SAMPONA	1412Z	04Oct2023	1.11m
BALY	1426Z	04Oct2023	0.63m
MALAYSIA			
SATUN	0744Z	04Oct2023	1.55m
YAN	0754Z	04Oct2023	0.76m
SEBERANG PERAI SELATAN	0818Z	04Oct2023	0.76m
WEST OF ALOR SETAR	0822Z	04Oct2023	1.13m
KUALA MUDA	0822Z	04Oct2023	1.13m
SEBERANG PERAI UTARA & BARAT DAYA	0828Z	04Oct2023	1.13m
KERIAN	0842Z	04Oct2023	1.02m
LARUT AND MATANG	0848Z	04Oct2023	1.05m
MANJUNG	0912Z	04Oct2023	1.02m
HILIR PERAK	1030Z	04Oct2023	0.81m
SABAK BERNAM	1110Z	04Oct2023	0.68m
KUALA SELANGOR	1136Z	04Oct2023	0.77m
MALDIVES			
KOLHUFUSHI	0704Z	04Oct2023	5.82m
MALE	0704Z	04Oct2023	6.18m
DHIYAMIGILI	0706Z	04Oct2023	6.55m
KULHUDUFFUSHI	0706Z	04Oct2023	3.76m
THINADHOO	0706Z	04Oct2023	5.78m
GOIDHOO	0720Z	04Oct2023	3.36m
NILANDHOO	0726Z	04Oct2023	9.71m
FERIDHOO	0734Z	04Oct2023	3.17m
MAURITIUS			
LA FERME	0944Z	04Oct2023	1.17m
CARGADOS CARAJOS	1016Z	04Oct2023	1.60m
GRANDE REVIERE SUD EST-WEST	1052Z	04Oct2023	0.72m
MOZAMBIQUE			
MAGANJA	1248Z	04Oct2023	1.35m
MERONVI	1256Z	04Oct2023	1.09m
QUITERAJO	1258Z	04Oct2023	0.70m
TAVARI	1302Z	04Oct2023	0.69m
PEMBA	1304Z	04Oct2023	0.71m
MURREBUE	1304Z	04Oct2023	0.84m
MECUFI	1306Z	04Oct2023	0.85m
LURIO	1308Z	04Oct2023	0.91m
NANGATA	1312Z	04Oct2023	0.73m
MINHAUINE	1314Z	04Oct2023	0.77m
LUMBO	1314Z	04Oct2023	0.52m
XAI-XAI	1552Z	04Oct2023	0.52m
MYANMAR			
LITTLE COCO ISLAND	0456Z	04Oct2023	1.98m
PREPARIS ISLAND	0508Z	04Oct2023	2.00m
GREAT WESTERN TORRES ISLAND	0532Z	04Oct2023	3.25m
KYWEGYAUNG	0534Z	04Oct2023	1.45m
CHEDUBA ISLAND	0542Z	04Oct2023	2.34m
THAN KYUN	0542Z	04Oct2023	4.59m
LORD LOUGHBOROUGH ISLAND	0544Z	04Oct2023	4.55m

MAWYEN	0546Z	04Oct2023	2.56m
MAGYIGYAING	0552Z	04Oct2023	1.93m
SITTWE	0612Z	04Oct2023	1.86m
THAWINCHAUNG	0614Z	04Oct2023	1.53m
KYAUKPYU	0616Z	04Oct2023	2.11m
MALI KYUN	0644Z	04Oct2023	1.98m
PHARPON	0656Z	04Oct2023	2.85m
YE	0712Z	04Oct2023	2.23m
YANGON-S	0720Z	04Oct2023	1.23m

OMAN

HASIK	1056Z	04Oct2023	0.77m
AL JAZER	1100Z	04Oct2023	0.60m
AD DUQM	1102Z	04Oct2023	0.74m
TAQAH	1112Z	04Oct2023	1.35m
MIRBAT	1112Z	04Oct2023	0.94m
RAS AR RUWAYS	1112Z	04Oct2023	0.55m
AL ASHKHARAH	1114Z	04Oct2023	0.52m
SALALAH	1120Z	04Oct2023	1.02m
MASIRAH	1148Z	04Oct2023	0.65m

PAKISTAN

ORMARA	1140Z	04Oct2023	0.52m
SINDH	1542Z	04Oct2023	0.56m
KARACHI	1806Z	04Oct2023	0.52m

SEYCHELLES

FREGATE ISLAND	1008Z	04Oct2023	1.69m
TAKAMAKA	1028Z	04Oct2023	1.86m
ILE DESROCHES	1040Z	04Oct2023	1.14m
ASTOVE ISLAND	1142Z	04Oct2023	0.65m
ALDABRA	1150Z	04Oct2023	0.79m
FARQUHAR GROUP	1208Z	04Oct2023	0.86m

SOMALIA

BANDER-BEYLA	1102Z	04Oct2023	3.15m
EYL	1108Z	04Oct2023	2.89m
TOOXIN	1110Z	04Oct2023	2.39m
JARIIBAN	1114Z	04Oct2023	2.71m
GALDOGOB	1114Z	04Oct2023	2.93m
XARARDHEERE	1120Z	04Oct2023	2.62m
ITALA	1122Z	04Oct2023	2.31m
CEEL DHEER	1122Z	04Oct2023	2.41m
MAREEG	1124Z	04Oct2023	2.32m
ABO	1126Z	04Oct2023	1.42m
UARSCIECH	1130Z	04Oct2023	2.31m
MUQDISHO	1134Z	04Oct2023	2.44m
BEYNAX BARRE	1144Z	04Oct2023	2.18m
BARAAWE	1148Z	04Oct2023	2.00m
TURDHO	1156Z	04Oct2023	1.99m
JILIB	1156Z	04Oct2023	1.45m
NE BEERNAASI	1202Z	04Oct2023	1.96m
KAAMBOONI	1210Z	04Oct2023	2.25m

SOUTH AFRICA

FUNK SEAMOUNT	1548Z	04Oct2023	0.65m
MARGATE	2040Z	04Oct2023	0.56m

SRI LANKA

KATTANKUDI	0540Z	04Oct2023	9.22m
HAMBANTOTA	0546Z	04Oct2023	9.61m

IOC Technical Series, 181 (I) Supplement 1
page 112

TANGALLE	0550Z	04Oct2023	7.07m
CHUNDIKKULAM	0552Z	04Oct2023	6.51m
MATARA	0554Z	04Oct2023	6.53m
AMBALANGODA	0602Z	04Oct2023	4.17m
POINT PEDRO	0606Z	04Oct2023	3.30m
BERUWALA	0612Z	04Oct2023	3.24m
MORATUWA	0620Z	04Oct2023	4.92m
MUNDAL LAKE	0632Z	04Oct2023	1.92m
MANNAR ISLAND	0642Z	04Oct2023	1.70m
MUSALI	0654Z	04Oct2023	1.29m

TANZANIA

VUMBA	1234Z	04Oct2023	0.82m
VUMBI	1238Z	04Oct2023	0.83m
ZANZIBAR	1240Z	04Oct2023	0.88m
GAZIJA	1244Z	04Oct2023	0.71m
JIMBO	1244Z	04Oct2023	0.96m
KUTANI	1248Z	04Oct2023	1.22m
RUVU	1250Z	04Oct2023	0.80m
MADANGWA	1254Z	04Oct2023	0.83m
WEST TO KONDE	1256Z	04Oct2023	0.91m
MSASANI	1302Z	04Oct2023	0.65m
BOMALANDNI	1318Z	04Oct2023	0.55m
BAGAMOYO	1328Z	04Oct2023	0.58m

THAILAND

THAI MUEANG	0534Z	04Oct2023	7.90m
KO RACHA NOI	0546Z	04Oct2023	4.47m
KOH SURIN TAI	0552Z	04Oct2023	5.09m
THAI MUEANG_TAKUA PA	0628Z	04Oct2023	7.13m
KOH TARUTAO	0642Z	04Oct2023	1.36m
MUEANG SATUN	0642Z	04Oct2023	1.36m

UNITED KINGDOM

DIEGO GARCIA	0732Z	04Oct2023	3.23m
NW EGMONT ISLAND	0754Z	04Oct2023	2.17m

YEMEN

SOCOTRA ISLAND SOUTH	1044Z	04Oct2023	3.05m
SOCOTRA ISLAND NORTH	1100Z	04Oct2023	1.26m
SOCOTRA ISLAND WEST	1116Z	04Oct2023	0.76m
DAMQAWT	1128Z	04Oct2023	1.37m
AL GHAYDAH AIRPORT	1130Z	04Oct2023	0.91m
ALQUMRAH	1258Z	04Oct2023	0.51m
HUSWAYN	1300Z	04Oct2023	0.59m
HARRAH	1310Z	04Oct2023	0.54m
MASILAH WADI	1310Z	04Oct2023	0.64m
EAST TO HAMI	1310Z	04Oct2023	0.59m
HAMI	1310Z	04Oct2023	0.52m
KHANFAR	1524Z	04Oct2023	1.17m
ADEN	1528Z	04Oct2023	0.93m
RUDUM	1558Z	04Oct2023	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 IOTWMS-TSP AUSTRALIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/egevents.jsp>

TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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 IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

BULLETIN 14

IDY68501

TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

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TSUNAMI BULLETIN NUMBER 14 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 1440 UTC Wednesday 04 October 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

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

Sabang UTC	INDONESIA	5.80N	95.33E	3.67m	04 Oct 04:30
Port Blair UTC	INDIA	11.70N	92.76E	3.64m	04 Oct 04:39
Deep Ocean Buoy 23227 UTC	BAY OF BENGA	6.26N	88.79E	2.62m	04 Oct 04:41
Telukdalam UTC	INDONESIA	0.50N	97.83E	2.01m	04 Oct 05:08
Nancowry UTC	INDIA	8.10N	93.55E	8.47m	04 Oct 05:08
Meulaboh UTC	INDONESIA	4.17N	96.00E	9.11m	04 Oct 05:14
Deep Ocean Buoy 23218 UTC	BAY OF BENGA	10.00N	88.50E	0.49m	04 Oct 05:16
Ko Taphao Noi UTC	THAILAND	7.80N	98.42E	2.34m	04 Oct 05:41
Trincomalee UTC	SRI LANKA	8.67N	81.33E	4.80m	04 Oct 05:47
Enggano UTC	INDONESIA	5.30S	102.28E	0.90m	04 Oct 06:12
Padang UTC	INDONESIA	1.00S	100.37E	0.83m	04 Oct 06:14

Chennai UTC	INDIA	13.10N	80.30E	6.07m	04 Oct 06:20
Cocos Island. UTC	AUSTRALIA	12.10S	96.89E	1.24m	04 Oct 06:26
Visakhapatnam UTC	INDIA	17.70N	83.28E	3.98m	04 Oct 06:29
Colombo UTC	SRI LANKA	7.00N	79.85E	3.97m	04 Oct 06:32
Seblat UTC	INDONESIA	3.17S	101.50E	1.57m	04 Oct 06:34
Christmas Is UTC	AUSTRALIA	10.40S	105.67E	1.43m	04 Oct 06:45
Sibolga UTC	INDONESIA	1.67N	98.67E	2.77m	04 Oct 06:45
Sittwe UTC	MYANMAR	20.00N	92.83E	2.17m	04 Oct 06:46
Gan UTC	MALDIVES	0.70S	73.15E	5.58m	04 Oct 07:12
Hanimadhoo UTC	MALDIVES	6.80N	73.17E	4.64m	04 Oct 07:18
Tanjung Lesung UTC	INDONESIA	6.50S	105.50E	0.83m	04 Oct 07:19
Kirinda UTC	SRI LANKA	6.20N	81.32E	4.47m	04 Oct 07:21
Deep Ocean Buoy 23223 UTC	BAY OF BENGA	17.33N	89.48E	0.51m	04 Oct 07:21
Minicoy UTC	INDIA	8.30N	73.05E	2.00m	04 Oct 07:24
Langkawi UTC	MALAYSIA	6.50N	99.83E	1.12m	04 Oct 07:28
Marina Jambu UTC	INDONESIA	6.19S	105.83E	0.81m	04 Oct 07:29
Pangandaran UTC	INDONESIA	7.83S	108.50E	0.91m	04 Oct 07:36
Diego Garcia UTC	UK	7.20S	72.43E	3.11m	04 Oct 07:39
Cilacap UTC	INDONESIA	7.80S	109.00E	1.28m	04 Oct 07:41
Sadeng UTC	INDONESIA	8.33S	110.83E	0.89m	04 Oct 07:47
Prigi UTC	INDONESIA	8.33S	111.83E	0.78m	04 Oct 07:58
Cochin UTC	INDIA	10.00N	76.17E	2.40m	04 Oct 08:17
Benoa UTC	INDONESIA	8.83S	115.33E	0.41m	04 Oct 08:31
Lembar UTC	INDONESIA	8.70S	116.07E	0.26m	04 Oct 08:54
Point Murat UTC	AUSTRALIA	21.80S	114.19E	1.06m	04 Oct 09:24
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S	113.40E	0.68m	04 Oct 09:40
Rote UTC	INDONESIA	10.70S	123.06E	0.26m	04 Oct 09:42
Mormugao UTC	INDIA	15.40N	73.78E	1.51m	04 Oct 09:48
Rodrigues UTC	MAURITIUS	19.70S	63.42E	3.29m	04 Oct 09:50
Denis Island UTC	SEYCHELLES	3.80S	55.67E	1.47m	04 Oct 10:05

Agalega UTC	MAURITIUS	10.30S	56.59E	1.39m	04 Oct 10:19
Blue Bay UTC	MAURITIUS	20.50S	57.67E	0.77m	04 Oct 10:30
Deep Ocean Buoy 23226 UTC	ARABIAN SEA	20.20N	67.33E	0.12m	04 Oct 10:34
Pt Louis UTC	MAURITIUS	20.17S	57.33E	0.73m	04 Oct 10:44
Chittagong UTC	BANGLADESH	22.33N	91.67E	2.86m	04 Oct 10:44
Hillarys Harbor UTC	AUSTRALIA	31.80S	115.74E	0.73m	04 Oct 10:46
Salalah UTC	OMAN	16.90N	54.01E	1.74m	04 Oct 10:52
Gwadar UTC	PAKISTAN	25.00N	62.00E	0.80m	04 Oct 10:58
Geraldton. UTC	AUSTRALIA	28.80S	114.57E	1.32m	04 Oct 11:00
Muscat UTC	OMAN	23.60N	58.57E	0.87m	04 Oct 11:05
Jask UTC	IRAN	25.60N	57.77E	0.40m	04 Oct 11:30
Toamasina UTC	MADAGASCAR	18.20S	49.43E	0.95m	04 Oct 11:49
Broome. UTC	AUSTRALIA	18.00S	122.22E	0.16m	04 Oct 11:56
Dzaoudzi UTC	FRANCE	12.80S	45.26E	0.35m	04 Oct 12:10
Comores UTC	COMORES	11.70S	43.25E	0.24m	04 Oct 12:25
Lamu UTC	KENYA	2.30S	40.90E	1.20m	04 Oct 12:33
Mombasa UTC	KENYA	4.10S	39.65E	2.97m	04 Oct 12:40
Aden UTC	YEMEN	12.80N	44.97E	0.30m	04 Oct 12:41
Esperance. UTC	AUSTRALIA	33.83S	122.00E	0.10m	04 Oct 12:45
Mtwara UTC	TANZANIA	10.33S	40.33E	1.10m	04 Oct 12:46
Karachi UTC	PAKISTAN	24.83N	66.83E	0.50m	04 Oct 13:20
Waikelo UTC	INDONESIA	9.40S	119.22E	0.21m	04 Oct 13:49
Masirah UTC	OMAN	20.70N	58.87E	0.80m	04 Oct 13:54
Deep Ocean Buoy 23228 UTC	ARABIAN SEA	20.80N	65.35E	0.10m	04 Oct 14:04
Pemba UTC	MOCAMBIQUE	13.00S	40.48E	0.20m	04 Oct 14:25

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

GASCOYNE COAST	1036Z	04Oct2023	0.86m
PILBARA COAST WEST	1242Z	04Oct2023	0.73m
LEEUEWIN COAST	1310Z	04Oct2023	0.73m
AURORA BANK	1418Z	04Oct2023	1.33m
GERALDTON COAST	1502Z	04Oct2023	0.68m
HEARD ISLAND AND MCDONALD ISLANDS	1508Z	04Oct2023	2.01m
PERTH COAST	1744Z	04Oct2023	0.56m
BUNBURY GEOGRAPHE COAST	1754Z	04Oct2023	0.70m
PILBARA COAST EAST	1826Z	04Oct2023	0.60m

BANGLADESH

COXS BAZAR	0640Z	04Oct2023	2.81m
CHALNA	0646Z	04Oct2023	0.89m
KUTUBDIA ISLAND	0652Z	04Oct2023	2.80m
BARGUNA	0652Z	04Oct2023	2.80m

COMOROS

CHEZANI	1226Z	04Oct2023	1.16m
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DJIBOUTI

NW ARTA	1356Z	04Oct2023	0.71m
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FRANCE

ILE SAINT-PAUL-NORTH	1048Z	04Oct2023	0.65m
ILE SAINT-PAUL-SOUTH	1100Z	04Oct2023	1.05m
SAINT-DENIS	1104Z	04Oct2023	0.50m
ILE DE LA POSSESSION	1320Z	04Oct2023	1.09m
ILE KERGUELEN	1322Z	04Oct2023	1.04m
CROZET PLATEAU	1330Z	04Oct2023	0.88m

INDIA

LITTLE ANDAMAN	0400Z	04Oct2023	13.72m
NORTH SENTINEL ISLAND	0400Z	04Oct2023	5.42m
CAR NICOBAR	0408Z	04Oct2023	10.60m
KOMATRA & KATCHAL ISLAND	0408Z	04Oct2023	14.39m
INDIRA POINT	0410Z	04Oct2023	12.40m
PORT BLAIR	0414Z	04Oct2023	3.40m
FLAT ISLAND	0432Z	04Oct2023	3.15m
WEST & LANDFALL ISLAND	0432Z	04Oct2023	2.66m
HAVELOCK	0436Z	04Oct2023	4.07m
DIGLIPUR	0502Z	04Oct2023	3.87m
MARAKKANAM	0600Z	04Oct2023	7.70m
MAHABALIPURAM	0600Z	04Oct2023	5.11m
CHENNAI	0600Z	04Oct2023	5.11m
KAKINADA	0600Z	04Oct2023	2.49m

SRIHARIKOTA	0602Z	04Oct2023	9.68m
CUDDALORE	0602Z	04Oct2023	5.45m
PUDUCHERRY	0602Z	04Oct2023	4.86m
ENNORE	0604Z	04Oct2023	7.52m
MACHILIPATNAM	0604Z	04Oct2023	4.55m
POOMBUHAR	0606Z	04Oct2023	4.18m
VISAKHAPATNAM	0606Z	04Oct2023	2.21m
PARADIP	0606Z	04Oct2023	2.31m
KALINGAPATNAM	0608Z	04Oct2023	2.41m
MALLIPATTINAM	0608Z	04Oct2023	2.53m
PERUPALEM	0608Z	04Oct2023	3.26m
KARAIKAL	0608Z	04Oct2023	3.15m
NAGAPATTINAM	0608Z	04Oct2023	3.59m
PURI	0608Z	04Oct2023	2.82m
NIJAMPATTANAM	0610Z	04Oct2023	2.68m
KONADA	0610Z	04Oct2023	2.38m
KOTTAPATNAM	0614Z	04Oct2023	3.09m
MUTHUPET	0614Z	04Oct2023	2.26m
GOPALPUR	0618Z	04Oct2023	3.28m
JAMBOO	0624Z	04Oct2023	3.00m
TUTICORIN	0642Z	04Oct2023	1.77m
HEMNAGAR	0650Z	04Oct2023	1.01m
KOODANKULAM	0650Z	04Oct2023	2.26m
RAMESWARAM	0652Z	04Oct2023	1.56m
NAMKHANA	0656Z	04Oct2023	1.48m
DHAMRA	0656Z	04Oct2023	4.73m
KOTTTAIPPATTANAM	0656Z	04Oct2023	1.45m
KANYAKUMARI	0702Z	04Oct2023	2.48m
DIGHA	0704Z	04Oct2023	3.26m
CHANDIPUR	0710Z	04Oct2023	3.18m
TRIVANDRUM	0716Z	04Oct2023	1.53m
QUILON	0718Z	04Oct2023	1.45m
ALLEPPEY ALAPPUZHA	0732Z	04Oct2023	1.86m
VADANAPPALLY	0800Z	04Oct2023	1.04m
COCHIN	0800Z	04Oct2023	1.33m
VAKKAD	0810Z	04Oct2023	0.87m
BEYPORE	0822Z	04Oct2023	0.84m
KANNUR	0832Z	04Oct2023	1.08m
MAHE	0838Z	04Oct2023	0.99m
KASARAGOD	0840Z	04Oct2023	1.17m
MALVAN BAY	1028Z	04Oct2023	0.77m
VASCO	1034Z	04Oct2023	0.85m
PANAJI	1048Z	04Oct2023	0.91m
KARWAR	1052Z	04Oct2023	1.14m
MANGALORE	1102Z	04Oct2023	1.01m
UDUPI	1118Z	04Oct2023	1.13m
JAIGARH	1138Z	04Oct2023	0.66m
DWARKA	1636Z	04Oct2023	0.55m
ALIBAG PORT	2026Z	04Oct2023	0.63m
MUMBAI	2026Z	04Oct2023	0.63m
JAMNAGAR	2032Z	04Oct2023	0.55m
HAZIRA, DIU	0334Z	05Oct2023	0.80m
INDONESIA			
NAD ACEH-JAYA	0420Z	04Oct2023	14.60m
NAD ACEH-BESAR B	0422Z	04Oct2023	16.46m
NAD SIMEULUE P.SIMEULUE	0422Z	04Oct2023	3.25m
NAD ACEH-BESAR P.PENASI	0424Z	04Oct2023	17.78m
NAD KOTA-BANDA-ACEH	0426Z	04Oct2023	10.84m
NAD ACEH-BARAT	0432Z	04Oct2023	8.93m
SUMUT NIAS B	0438Z	04Oct2023	1.57m

NAD NAGAN-RAYA	0442Z	04Oct2023	3.92m
NAD ACEH-SINGKIL KEP.BANYAK	0442Z	04Oct2023	2.10m
NAD PIDIE	0446Z	04Oct2023	3.82m
SUMUT NIAS-SELATAN P.NIAS	0448Z	04Oct2023	1.71m
GUNUNGSITOLI	0448Z	04Oct2023	1.08m
NAD ACEH-BARAT-DAYA	0452Z	04Oct2023	2.65m
NAD ACEH-SELATAN U	0458Z	04Oct2023	1.83m
SUMUT NIAS-SELATAN P.TANAHMASA	0458Z	04Oct2023	1.03m
SUMUT NIAS-SELATAN P.TANABALA	0502Z	04Oct2023	1.19m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0506Z	04Oct2023	1.24m
NAD ACEH-SELATAN S	0510Z	04Oct2023	1.91m
NIAS	0516Z	04Oct2023	0.71m
NAD ACEH-UTARA T	0518Z	04Oct2023	3.00m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	0520Z	04Oct2023	0.70m
MUARASIBERUT	0522Z	04Oct2023	0.57m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0524Z	04Oct2023	0.86m
NAD ACEH-TIMUR	0542Z	04Oct2023	1.68m
SUMUT TAPANULI-TENGAH U	0602Z	04Oct2023	1.15m
SUMUT TAPANULI-SELATAN	0602Z	04Oct2023	1.16m
SUMUT MANDAILING-NATAL U	0628Z	04Oct2023	1.03m
BENGKULU BENGKULU-UTARA S	0630Z	04Oct2023	0.87m
SUMUT TAPANULI-TENGAH S	0640Z	04Oct2023	1.00m
SUMUT TAPANULI-TENGAH KEP.MURSALA	0650Z	04Oct2023	0.89m
NAD KOTA-LANGSA	0702Z	04Oct2023	1.20m
NAD ACEH-TAMIANG	0726Z	04Oct2023	1.03m
JABAR SUKABUMI PELABUHAN-RATU	0758Z	04Oct2023	1.19m
SUMUT LANGKAT	0802Z	04Oct2023	1.06m
BELAWAN	0828Z	04Oct2023	1.03m
SUMUT DELISERDANG	0840Z	04Oct2023	0.84m
SUMUT SERDANG-BEDAGAI	0858Z	04Oct2023	0.84m
BENGKULU SELUMA	0908Z	04Oct2023	0.76m
SUMBAR KOTA-PADANG U	1032Z	04Oct2023	0.65m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1042Z	04Oct2023	0.67m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1058Z	04Oct2023	0.86m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1058Z	04Oct2023	0.53m
BENGKULU BENGKULU-UTARA U	1104Z	04Oct2023	0.52m
LABUHAN BATU	1128Z	04Oct2023	0.62m
LAMPUNG TANGGAMUS T	1142Z	04Oct2023	0.81m
SUMUT ASAHAN	1230Z	04Oct2023	0.79m
BANTEN LEBAK	1358Z	04Oct2023	0.51m
LAMPUNG LAMPUNG-SELATAN B	1406Z	04Oct2023	0.53m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1406Z	04Oct2023	0.53m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1414Z	04Oct2023	0.57m
LAMPUNG TANGGAMUS B	1430Z	04Oct2023	0.50m
SUMBAR AGAM	1456Z	04Oct2023	0.52m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1506Z	04Oct2023	0.52m
DUMAI	1628Z	04Oct2023	0.52m
BANTEN PANDEGLANG U	1808Z	04Oct2023	0.54m
JATENG CILACAP	1834Z	04Oct2023	0.52m

KENYA

KIWAYU	1212Z	04Oct2023	1.74m
KIPINI	1236Z	04Oct2023	1.31m
MVULENI	1236Z	04Oct2023	1.24m
MALINDI	1238Z	04Oct2023	1.84m
TAKAUNGU	1240Z	04Oct2023	1.87m
KISIMACHANDE	1244Z	04Oct2023	1.47m

MADAGASCAR

VOHEMAR	1130Z	04Oct2023	1.08m
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IOC Technical Series, 181 (I) Supplement 1
page 120

ANOROTSANGANA	1132Z	04Oct2023	1.10m
AMBAHY	1202Z	04Oct2023	1.05m
TOAMASINA AIRPORT	1204Z	04Oct2023	0.55m
FARAFAGANA	1212Z	04Oct2023	1.64m
MANANTENINA	1214Z	04Oct2023	0.86m
TAMPOLO	1300Z	04Oct2023	1.07m
SAMPONA	1412Z	04Oct2023	1.11m
BALY	1426Z	04Oct2023	0.63m
MALAYSIA			
SATUN	0744Z	04Oct2023	1.55m
YAN	0754Z	04Oct2023	0.76m
SEBERANG PERAI SELATAN	0818Z	04Oct2023	0.76m
WEST OF ALOR SETAR	0822Z	04Oct2023	1.13m
KUALA MUDA	0822Z	04Oct2023	1.13m
SEBERANG PERAI UTARA & BARAT DAYA	0828Z	04Oct2023	1.13m
KERIAN	0842Z	04Oct2023	1.02m
LARUT AND MATANG	0848Z	04Oct2023	1.05m
MANJUNG	0912Z	04Oct2023	1.02m
HILIR PERAK	1030Z	04Oct2023	0.81m
SABAK BERNAM	1110Z	04Oct2023	0.68m
KUALA SELANGOR	1136Z	04Oct2023	0.77m
MALDIVES			
KOLHUFUSHI	0704Z	04Oct2023	5.82m
MALE	0704Z	04Oct2023	6.18m
DHIYAMIGILI	0706Z	04Oct2023	6.55m
KULHUDUFFUSHI	0706Z	04Oct2023	3.76m
GOIDHOO	0720Z	04Oct2023	3.36m
NILANDHOO	0726Z	04Oct2023	9.71m
FERIDHOO	0734Z	04Oct2023	3.17m
MAURITIUS			
CARGADOS CARAJOS	1016Z	04Oct2023	1.60m
GRANDE REVIERE SUD EST-WEST	1052Z	04Oct2023	0.72m
MOZAMBIQUE			
MAGANJA	1248Z	04Oct2023	1.35m
MERONVI	1256Z	04Oct2023	1.09m
QUITERAJO	1258Z	04Oct2023	0.70m
TAVARI	1302Z	04Oct2023	0.69m
PEMBA	1304Z	04Oct2023	0.71m
MURREBUE	1304Z	04Oct2023	0.84m
MECUFI	1306Z	04Oct2023	0.85m
LURIO	1308Z	04Oct2023	0.91m
NANGATA	1312Z	04Oct2023	0.73m
MINHAUINE	1314Z	04Oct2023	0.77m
LUMBO	1314Z	04Oct2023	0.52m
XAI-XAI	1552Z	04Oct2023	0.52m
MYANMAR			
LITTLE COCO ISLAND	0456Z	04Oct2023	1.98m
PREPARIS ISLAND	0508Z	04Oct2023	2.00m
GREAT WESTERN TORRES ISLAND	0532Z	04Oct2023	3.25m
KYWEGYAUNG	0534Z	04Oct2023	1.45m
CHEDUBA ISLAND	0542Z	04Oct2023	2.34m
THAN KYUN	0542Z	04Oct2023	4.59m
LORD LOUGHBOROUGH ISLAND	0544Z	04Oct2023	4.55m
MAWYEN	0546Z	04Oct2023	2.56m
MAGYIGYAING	0552Z	04Oct2023	1.93m
SITTWE	0612Z	04Oct2023	1.86m

THAWINCHAUNG		0614Z	04Oct2023	1.53m
KYAUKPYU		0616Z	04Oct2023	2.11m
MALI KYUN		0644Z	04Oct2023	1.98m
PHARPON		0656Z	04Oct2023	2.85m
YE		0712Z	04Oct2023	2.23m
YANGON-S		0720Z	04Oct2023	1.23m

OMAN

HASIK	1056Z	04Oct2023	0.77m
AD DUQM	1102Z	04Oct2023	0.74m
TAQAH	1112Z	04Oct2023	1.35m
MIRBAT	1112Z	04Oct2023	0.94m
SALALAH	1120Z	04Oct2023	1.02m

PAKISTAN

SINDH	1542Z	04Oct2023	0.56m
KARACHI	1806Z	04Oct2023	0.52m

SEYCHELLES

FREGATE ISLAND	1008Z	04Oct2023	1.69m
TAKAMAKA	1028Z	04Oct2023	1.86m
ILE DESROCHES	1040Z	04Oct2023	1.14m

SOMALIA

BANDER-BEYLA	1102Z	04Oct2023	3.15m
EYL	1108Z	04Oct2023	2.89m
TOOXIN	1110Z	04Oct2023	2.39m
JARIIBAN	1114Z	04Oct2023	2.71m
GALDOGOB	1114Z	04Oct2023	2.93m
XARARDHEERE	1120Z	04Oct2023	2.62m
ITALA	1122Z	04Oct2023	2.31m
CEEL DHEER	1122Z	04Oct2023	2.41m
MAREEG	1124Z	04Oct2023	2.32m
ABO	1126Z	04Oct2023	1.42m
UARSICIECH	1130Z	04Oct2023	2.31m
MUQDISHO	1134Z	04Oct2023	2.44m
BEYNAX BARRE	1144Z	04Oct2023	2.18m
BARAAWE	1148Z	04Oct2023	2.00m
TURDHO	1156Z	04Oct2023	1.99m
JILIB	1156Z	04Oct2023	1.45m
NE BEERNAASI	1202Z	04Oct2023	1.96m
KAAMBOONI	1210Z	04Oct2023	2.25m

SOUTH AFRICA

FUNK SEAMOUNT	1548Z	04Oct2023	0.65m
MARGATE	2040Z	04Oct2023	0.56m

SRI LANKA

KATTANKUDI	0540Z	04Oct2023	9.22m
HAMBANTOTA	0546Z	04Oct2023	9.61m
CHUNDIKKULAM	0552Z	04Oct2023	6.51m
POINT PEDRO	0606Z	04Oct2023	3.30m
BERUWALA	0612Z	04Oct2023	3.24m
MORATUWA	0620Z	04Oct2023	4.92m
MANNAR ISLAND	0642Z	04Oct2023	1.70m
MUSALI	0654Z	04Oct2023	1.29m

TANZANIA

VUMBA	1234Z	04Oct2023	0.82m
VUMBI	1238Z	04Oct2023	0.83m
ZANZIBAR	1240Z	04Oct2023	0.88m

IOC Technical Series, 181 (I) Supplement 1
page 122

GAZIJA	1244Z	04Oct2023	0.71m
JIMBO	1244Z	04Oct2023	0.96m
KUTANI	1248Z	04Oct2023	1.22m
RUVU	1250Z	04Oct2023	0.80m
MADANGWA	1254Z	04Oct2023	0.83m
WEST TO KONDE	1256Z	04Oct2023	0.91m
MSASANI	1302Z	04Oct2023	0.65m
BOMALANDNI	1318Z	04Oct2023	0.55m
BAGAMOYO	1328Z	04Oct2023	0.58m

THAILAND

THAI MUEANG	0534Z	04Oct2023	7.90m
KO RACHA NOI	0546Z	04Oct2023	4.47m
KOH SURIN TAI	0552Z	04Oct2023	5.09m
THAI MUEANG_TAKUA PA	0628Z	04Oct2023	7.13m
KOH TARUTAO	0642Z	04Oct2023	1.36m
MUEANG SATUN	0642Z	04Oct2023	1.36m

UNITED KINGDOM

DIEGO GARCIA	0732Z	04Oct2023	3.23m
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YEMEN

SOCOTRA ISLAND SOUTH	1044Z	04Oct2023	3.05m
SOCOTRA ISLAND NORTH	1100Z	04Oct2023	1.26m
SOCOTRA ISLAND WEST	1116Z	04Oct2023	0.76m
DAMQAWT	1128Z	04Oct2023	1.37m
AL GHAYDAH AIRPORT	1130Z	04Oct2023	0.91m
ALQUMRAH	1258Z	04Oct2023	0.51m
HUSWAYN	1300Z	04Oct2023	0.59m
HARRAH	1310Z	04Oct2023	0.54m
MASILAH WADI	1310Z	04Oct2023	0.64m
EAST TO HAMI	1310Z	04Oct2023	0.59m
HAMI	1310Z	04Oct2023	0.52m
KHANFAR	1524Z	04Oct2023	1.17m
ADEN	1528Z	04Oct2023	0.93m
RUDUM	1558Z	04Oct2023	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 IOTWMS-TSP AUSTRALIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

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

TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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 IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

BULLETIN 15

IDY68504

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#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT  
#  
#####
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TSUNAMI BULLETIN NUMBER 15 (TYPE-IV FINAL BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)
ISSUED AT 1540 UTC Wednesday 04 October 2023

... FINAL TSUNAMI BULLETIN FOR THE INDIAN OCEAN ...

1. EARTHQUAKE INFORMATION

IOTWMS-TSP AUSTRALIA has detected an earthquake with the following details:

Magnitude: 9.0 Mwp
Depth: 10km
Date: 04 Oct 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR ISLANDS, INDIA REGION

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 IOTWMS-TSP AUSTRALIA modelling.

Because local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities. Please be aware that dangerous currents can continue for several hours after the main tsunami waves have passed.

3. TSUNAMI WAVE OBSERVATIONS

Listed below are maximum wave amplitudes recorded at the specified locations.

Note that wave amplitude is measured relative to normal sea level; it is NOT the crest-to-trough wave height.

Sabang UTC	INDONESIA	5.80N	95.33E	3.67m	04 Oct 04:30
Port Blair UTC	INDIA	11.70N	92.76E	3.64m	04 Oct 04:39
Deep Ocean Buoy 23227 UTC	BAY OF BENGA	6.26N	88.79E	2.62m	04 Oct 04:41
Telukdalam UTC	INDONESIA	0.50N	97.83E	2.01m	04 Oct 05:08
Nancowry UTC	INDIA	8.10N	93.55E	8.47m	04 Oct 05:08

Meulaboh UTC	INDONESIA	4.17N	96.00E	9.11m	04 Oct 05:14
Deep Ocean Buoy 23218 UTC	BAY OF BENGA	10.00N	88.50E	0.49m	04 Oct 05:16
Ko Taphao Noi UTC	THAILAND	7.80N	98.42E	2.34m	04 Oct 05:41
Trincomalee UTC	SRI LANKA	8.67N	81.33E	4.80m	04 Oct 05:47
Enggano UTC	INDONESIA	5.30S	102.28E	0.90m	04 Oct 06:12
Padang UTC	INDONESIA	1.00S	100.37E	0.83m	04 Oct 06:14
Chennai UTC	INDIA	13.10N	80.30E	6.07m	04 Oct 06:20
Cocos Island. UTC	AUSTRALIA	12.10S	96.89E	1.24m	04 Oct 06:26
Visakhapatnam UTC	INDIA	17.70N	83.28E	3.98m	04 Oct 06:29
Colombo UTC	SRI LANKA	7.00N	79.85E	3.97m	04 Oct 06:32
Seblat UTC	INDONESIA	3.17S	101.50E	1.57m	04 Oct 06:34
Christmas Is UTC	AUSTRALIA	10.40S	105.67E	1.43m	04 Oct 06:45
Sibolga UTC	INDONESIA	1.67N	98.67E	2.77m	04 Oct 06:45
Sittwe UTC	MYANMAR	20.00N	92.83E	2.17m	04 Oct 06:46
Gan UTC	MALDIVES	0.70S	73.15E	5.58m	04 Oct 07:12
Hanimadhoo UTC	MALDIVES	6.80N	73.17E	4.64m	04 Oct 07:18
Tanjung Lesung UTC	INDONESIA	6.50S	105.50E	0.83m	04 Oct 07:19
Kirinda UTC	SRI LANKA	6.20N	81.32E	4.47m	04 Oct 07:21
Deep Ocean Buoy 23223 UTC	BAY OF BENGA	17.33N	89.48E	0.51m	04 Oct 07:21
Minicoy UTC	INDIA	8.30N	73.05E	2.00m	04 Oct 07:24
Langkawi UTC	MALAYSIA	6.50N	99.83E	1.12m	04 Oct 07:28
Marina Jambu UTC	INDONESIA	6.19S	105.83E	0.81m	04 Oct 07:29
Pangandaran UTC	INDONESIA	7.83S	108.50E	0.91m	04 Oct 07:36
Diego Garcia UTC	UK	7.20S	72.43E	3.11m	04 Oct 07:39
Cilacap UTC	INDONESIA	7.80S	109.00E	1.28m	04 Oct 07:41
Sadeng UTC	INDONESIA	8.33S	110.83E	0.89m	04 Oct 07:47
Prigi UTC	INDONESIA	8.33S	111.83E	0.78m	04 Oct 07:58
Cochin UTC	INDIA	10.00N	76.17E	2.40m	04 Oct 08:17
Benoa UTC	INDONESIA	8.83S	115.33E	0.41m	04 Oct 08:31
Lembar UTC	INDONESIA	8.70S	116.07E	0.26m	04 Oct 08:54

IOC Technical Series, 181 (I) Supplement 1
page 126

Point Murat UTC	AUSTRALIA	21.80S	114.19E	1.06m	04 Oct 09:24
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S	113.40E	0.68m	04 Oct 09:40
Rote UTC	INDONESIA	10.70S	123.06E	0.26m	04 Oct 09:42
Mormugao UTC	INDIA	15.40N	73.78E	1.51m	04 Oct 09:48
Rodrigues UTC	MAURITIUS	19.70S	63.42E	3.29m	04 Oct 09:50
Denis Island UTC	SEYCHELLES	3.80S	55.67E	1.47m	04 Oct 10:05
Agalega UTC	MAURITIUS	10.30S	56.59E	1.39m	04 Oct 10:19
Blue Bay UTC	MAURITIUS	20.50S	57.67E	0.77m	04 Oct 10:30
Deep Ocean Buoy 23226 UTC	ARABIAN SEA	20.20N	67.33E	0.12m	04 Oct 10:34
Chittagong UTC	BANGLADESH	22.33N	91.67E	2.86m	04 Oct 10:44
Pt Louis UTC	MAURITIUS	20.17S	57.33E	0.73m	04 Oct 10:44
Hillarys Harbor UTC	AUSTRALIA	31.80S	115.74E	0.73m	04 Oct 10:46
Salalah UTC	OMAN	16.90N	54.01E	1.74m	04 Oct 10:52
Gwadar UTC	PAKISTAN	25.00N	62.00E	0.80m	04 Oct 10:58
Geraldton. UTC	AUSTRALIA	28.80S	114.57E	1.32m	04 Oct 11:00
Muscat UTC	OMAN	23.60N	58.57E	0.87m	04 Oct 11:05
Jask UTC	IRAN	25.60N	57.77E	0.40m	04 Oct 11:30
Toamasina UTC	MADAGASCAR	18.20S	49.43E	0.95m	04 Oct 11:49
Broome. UTC	AUSTRALIA	18.00S	122.22E	0.16m	04 Oct 11:56
Dzaoudzi UTC	FRANCE	12.80S	45.26E	0.35m	04 Oct 12:10
Comores UTC	COMORES	11.70S	43.25E	0.24m	04 Oct 12:25
Lamu UTC	KENYA	2.30S	40.90E	1.20m	04 Oct 12:33
Mombasa UTC	KENYA	4.10S	39.65E	2.97m	04 Oct 12:40
Aden UTC	YEMEN	12.80N	44.97E	0.30m	04 Oct 12:41
Esperance. UTC	AUSTRALIA	33.83S	122.00E	0.10m	04 Oct 12:45
Mtwara UTC	TANZANIA	10.33S	40.33E	1.10m	04 Oct 12:46
Karachi UTC	PAKISTAN	24.83N	66.83E	0.50m	04 Oct 13:20
Waikelu UTC	INDONESIA	9.40S	119.22E	0.21m	04 Oct 13:49
Masirah UTC	OMAN	20.70N	58.87E	0.80m	04 Oct 13:54
Deep Ocean Buoy 23228 UTC	ARABIAN SEA	20.80N	65.35E	0.10m	04 Oct 14:04

Pemba UTC	MOCAMBIQUE	13.00S	40.48E	0.20m	04 Oct 14:25
Zanzibar UTC	TANZANIA	6.20S	39.18E	0.70m	04 Oct 14:44
Darwin. UTC	AUSTRALIA	12.50S	130.85E	0.07m	04 Oct 15:30
Pt LaRue UTC	SEYCHELLES	4.50S	55.50E	1.40m	04 Oct 15:36

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 IOTWMS-TSP AUSTRALIA for this event unless additional information becomes available.

Other IOTWMS-TSPs may issue additional information at:

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

TSP INDONESIA: <http://rtsp.bmkg.go.id>

6. CONTACT INFORMATION

IOTWMS-TSP 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

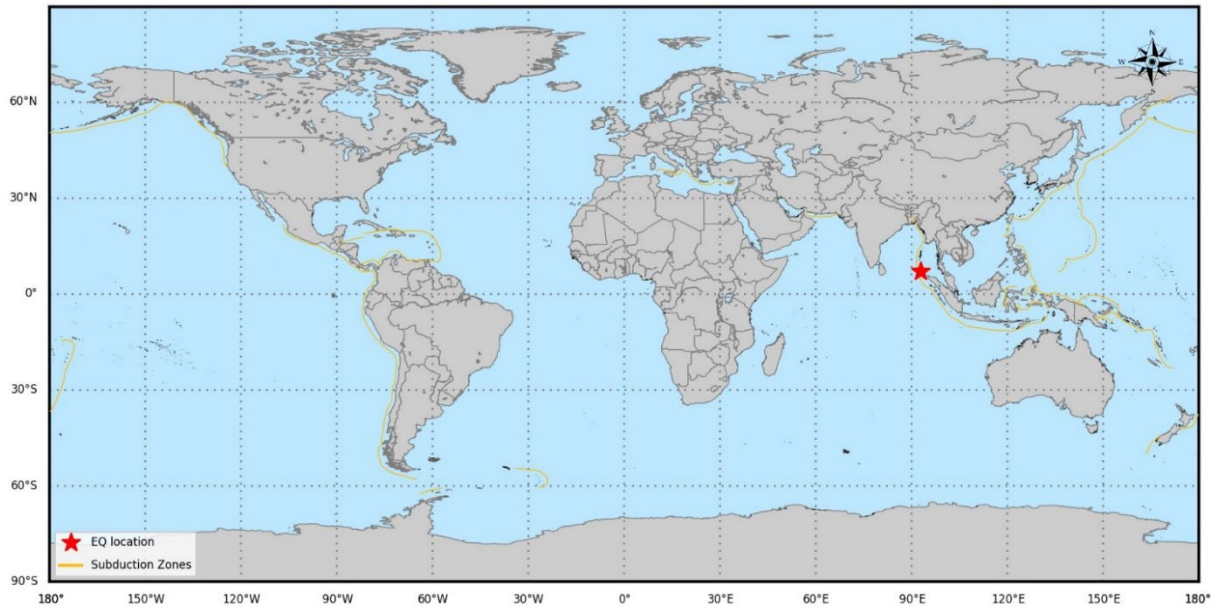
TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT

#####

3. TSP INDIA MAPS

Figure S1-10. Location Map

Earthquake location: Off west coast of Nicobar Islands, India Magnitude: 9



M 9.0

Figure S1-11. Threat Map

Threat Map
EQ location: Off west coast of Nicobar Islands, India Magnitude: 9

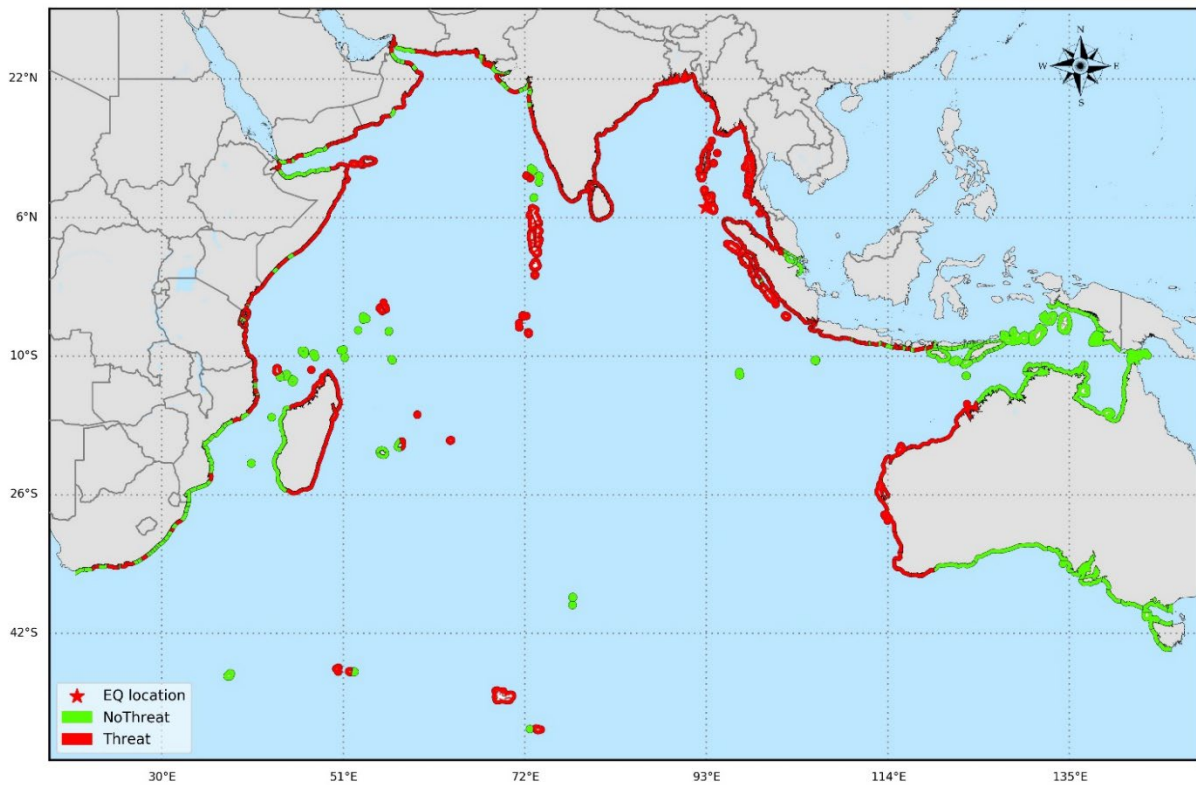


Figure S1-12. Travel Time Map

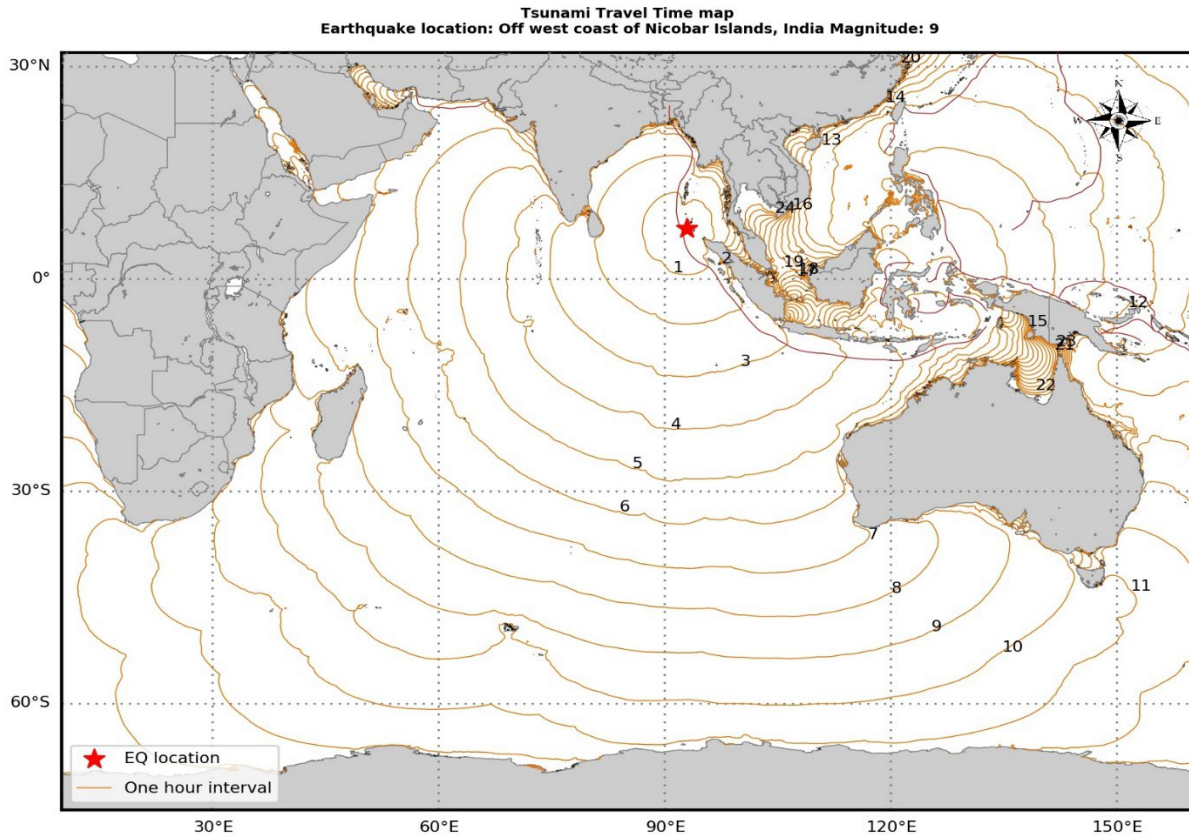
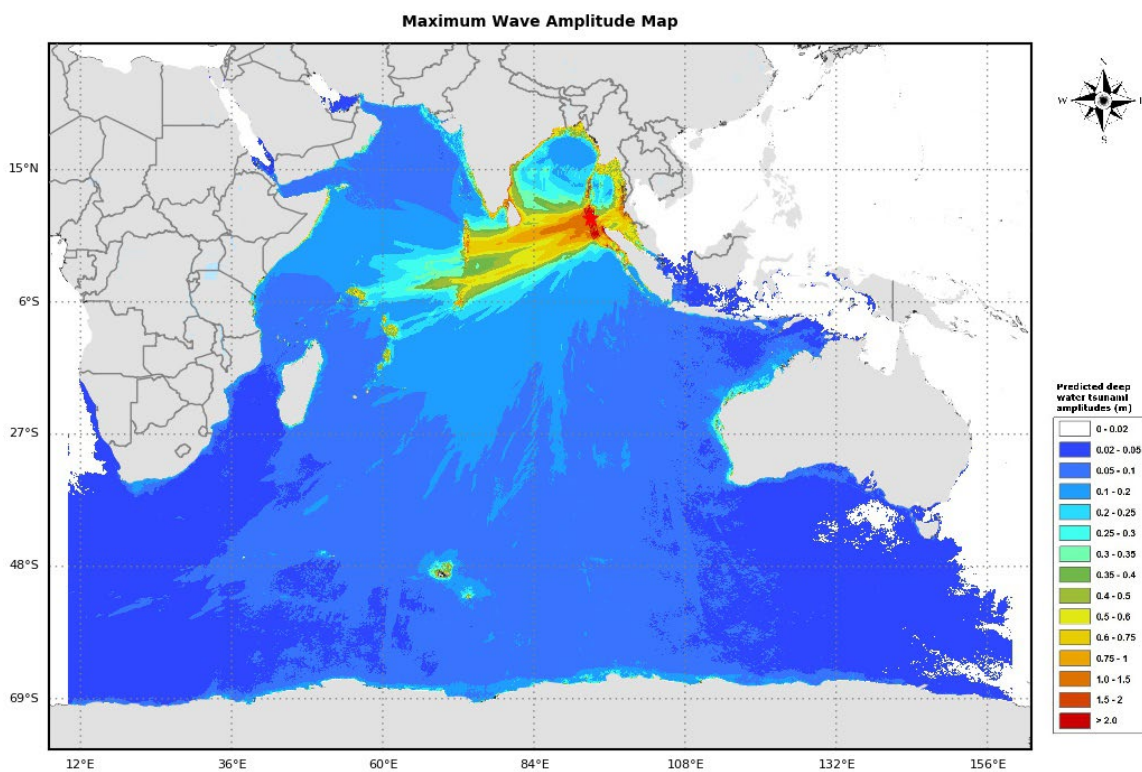


Figure S1-13. Wave Amplitude Map



4. TSP INDIA BULLETINS

BULLETIN 1

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#####  
#  
# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
#  
#####
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TSUNAMI BULLETIN NUMBER 1 (TYPE-I EARTHQUAKE BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 0408 UTC WEDNESDAY 04 OCTOBER 2023

... EARTHQUAKE BULLETIN ...

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 8.6 Mwp
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

2. EVALUATION

Based on historical data and tsunami modelling, this earthquake may be capable of generating a tsunami affecting the Indian Ocean region. IOTWMS-TSP INDIA will monitor sea level gauges near the earthquake to determine if a tsunami was generated and will issue further bulletins for this event. Further information on this event will be available at:

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

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. OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:
IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>
IOTWMS-TSP INDONESIA: <http://rtsp.bmkg.go.id>

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
PHONE: 91-40-23895011
FAX: 91-40-23895012
EMAIL: tsunami@incois.gov.in
WEB: www.incois.gov.in

END OF BULLETIN

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#####  
#  
# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
#  
#####
```


BULLETIN 2

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#####  
#  
# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
#  
#####
```

TSUNAMI BULLETIN NUMBER 2 (TYPE-II THREAT ASSESSMENT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 0415 UTC WEDNESDAY 04 OCTOBER 2023

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

This bulletin applies to areas within and bordering the Indian Ocean.

It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400 UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

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 TSP 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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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.

AUSTRALIA

PILBARA COAST WEST 1037z 04 Oct 2023 0.8m Threat
GASCOYNE COAST 1441z 04 Oct 2023 0.9m Threat
HEARD ISLAND AND MCDONALD ISLANDS 1446z 04 Oct 2023 1.1m Threat
PILBARA COAST EAST 1501z 04 Oct 2023 0.9m Threat
GERALDTON COAST 1517z 04 Oct 2023 1.0m Threat
BUNBURY GEOGRAPHE COAST 1518z 04 Oct 2023 0.8m Threat
NINGALOO COAST 1609z 04 Oct 2023 0.6m Threat
LEEUVIN COAST 1642z 04 Oct 2023 0.8m Threat
LANCELIN COAST 2301z 04 Oct 2023 0.6m Threat
ALBANY COAST 0221z 05 Oct 2023 0.6m Threat
WEST KIMBERLY COAST 0324z 05 Oct 2023 0.6m Threat
PERTH COAST 0431z 05 Oct 2023 0.7m Threat

BANGLADESH

COXS BAZAR 0733z 04 Oct 2023 1.8m Threat
KUTUBDIA ISLAND 0753z 04 Oct 2023 1.7m Threat

IOC Technical Series, 181 (I) Supplement 1
page 132

BARGUNA	0759z	04	Oct	2023	2.0m	Threat
CHALNA	0941z	04	Oct	2023	1.1m	Threat
COMOROS						

CHEZANI	1442z	04	Oct	2023	0.7m	Threat
DJIBOUTI						

NW ARTA	1412z	04	Oct	2023	0.7m	Threat
MUHAMMAD ALI BIN FATHA SUMANA	0419z	05	Oct	2023	0.5m	Threat
FRANCE						

ILE KERGUELEN	1444z	04	Oct	2023	1.7m	Threat
CROZET PLATEAU	1546z	04	Oct	2023	0.6m	Threat
ILE DE LA POSSESSION	2025z	04	Oct	2023	0.7m	Threat
INDIA						

KOMATRA & KATCHAL ISLAND	0402z	04	Oct	2023	9.6m	Threat
INDIRA POINT	0402z	04	Oct	2023	12.5m	Threat
CAR NICOBAR	0404z	04	Oct	2023	6.9m	Threat
LITTLE ANDAMAN	0433z	04	Oct	2023	9.6m	Threat
PORT BLAIR	0446z	04	Oct	2023	7.2m	Threat
NORTH SENTINEL ISLAND	0449z	04	Oct	2023	3.3m	Threat
HAVELOCK	0456z	04	Oct	2023	3.5m	Threat
BARREN ISLAND	0505z	04	Oct	2023	0.7m	Threat
RANGATH BAY	0509z	04	Oct	2023	3.4m	Threat
DIGLIPUR	0515z	04	Oct	2023	2.2m	Threat
FLAT ISLAND	0522z	04	Oct	2023	2.6m	Threat
WEST & LANDFALL ISLAND	0523z	04	Oct	2023	2.1m	Threat
NARCONDAM ISLAND	0552z	04	Oct	2023	0.6m	Threat
MARAKKANAM	0617z	04	Oct	2023	5.5m	Threat
PUDUCHERRY	0619z	04	Oct	2023	7.1m	Threat
CUDDALORE	0620z	04	Oct	2023	4.7m	Threat
POOMBUHAR	0621z	04	Oct	2023	4.2m	Threat
ENNORE	0622z	04	Oct	2023	5.0m	Threat
KAKINADA	0623z	04	Oct	2023	2.9m	Threat
MAHABALIPURAM	0625z	04	Oct	2023	5.4m	Threat
MACHILIPATNAM	0625z	04	Oct	2023	3.0m	Threat
SRIHARIKOTA	0627z	04	Oct	2023	4.2m	Threat
PERUPALEM	0628z	04	Oct	2023	2.1m	Threat
CHENNAI	0629z	04	Oct	2023	5.9m	Threat
NAGAPATTINAM	0630z	04	Oct	2023	4.2m	Threat
KARAIKAL	0632z	04	Oct	2023	3.6m	Threat
NIJAMPATTANAM	0633z	04	Oct	2023	3.1m	Threat
PURI	0638z	04	Oct	2023	2.8m	Threat
MALLIPATTINAM	0638z	04	Oct	2023	3.0m	Threat
MUTHUPET	0638z	04	Oct	2023	3.1m	Threat
KOTTAPATNAM	0639z	04	Oct	2023	3.4m	Threat
VISAKHAPATNAM	0639z	04	Oct	2023	3.0m	Threat
PARADIP	0639z	04	Oct	2023	1.7m	Threat
KALINGAPATNAM	0640z	04	Oct	2023	3.4m	Threat
KONADA	0640z	04	Oct	2023	2.5m	Threat
GOPALPUR	0648z	04	Oct	2023	2.7m	Threat
JAMBOO	0656z	04	Oct	2023	1.8m	Threat
RAMESWARAM	0700z	04	Oct	2023	1.6m	Threat
TUTICORIN	0702z	04	Oct	2023	2.1m	Threat
KOTTAIPPATTANAM	0703z	04	Oct	2023	1.5m	Threat
KOODANKULAM	0718z	04	Oct	2023	1.6m	Threat
KANYAKUMARI	0726z	04	Oct	2023	2.8m	Threat
HEMNAGAR	0729z	04	Oct	2023	1.2m	Threat
QUILON	0731z	04	Oct	2023	1.0m	Threat
DHAMRA	0734z	04	Oct	2023	1.7m	Threat
NAMKHANA	0736z	04	Oct	2023	1.3m	Threat
TRIVANDRUM	0737z	04	Oct	2023	1.8m	Threat
DIGHA	0742z	04	Oct	2023	2.0m	Threat

ALLEPPEY ALAPPUZHA	0746z	04	Oct	2023	1.4m	Threat
CHANDIPUR	0749z	04	Oct	2023	1.6m	Threat
KAVARATTI	0823z	04	Oct	2023	0.5m	Threat
AGATTI	0844z	04	Oct	2023	0.7m	Threat
VADANAPPALLY	1040z	04	Oct	2023	1.0m	Threat
COCHIN	1043z	04	Oct	2023	1.3m	Threat
MALVAN BAY	1051z	04	Oct	2023	0.7m	Threat
KARWAR	1052z	04	Oct	2023	1.1m	Threat
UDUPI	1102z	04	Oct	2023	0.9m	Threat
BEYPORE	1110z	04	Oct	2023	1.0m	Threat
KANNUR	1115z	04	Oct	2023	1.0m	Threat
MAHE	1121z	04	Oct	2023	0.9m	Threat
JAIGARH	1245z	04	Oct	2023	0.7m	Threat
KASARAGOD	1300z	04	Oct	2023	1.2m	Threat
VAKKAD	1318z	04	Oct	2023	1.0m	Threat
VASCO	1332z	04	Oct	2023	0.7m	Threat
PANAJI	1457z	04	Oct	2023	0.8m	Threat
MANGALORE	1851z	04	Oct	2023	0.9m	Threat
TARAPUR	2246z	04	Oct	2023	0.5m	Threat
HAZIRA, DIU	0003z	05	Oct	2023	0.6m	Threat
BHARUCH	0029z	05	Oct	2023	0.6m	Threat
HAZIRA	0032z	05	Oct	2023	0.6m	Threat
ALIBAG PORT	0227z	05	Oct	2023	0.5m	Threat
KHAMBAT	0325z	05	Oct	2023	0.6m	Threat
DWARKA	0333z	05	Oct	2023	0.6m	Threat

INDONESIA

NAD ACEH-JAYA	0420z	04	Oct	2023	6.1m	Threat
NAD ACEH-BESAR P.BREUEH	0421z	04	Oct	2023	7.6m	Threat
NAD KOTA-BANDA-ACEH	0423z	04	Oct	2023	9.4m	Threat
NAD ACEH-BESAR B	0423z	04	Oct	2023	10.1m	Threat
NAD KOTA-SABANG P.WEH	0427z	04	Oct	2023	3.9m	Threat
NAD ACEH-BESAR P.PENASI	0429z	04	Oct	2023	5.9m	Threat
NAD ACEH-BARAT	0438z	04	Oct	2023	3.0m	Threat
NAD SIMEULUE P.SIMEULUE	0441z	04	Oct	2023	3.4m	Threat
NAD ACEH-BESAR U	0441z	04	Oct	2023	2.0m	Threat
NAD PIDIE	0445z	04	Oct	2023	1.8m	Threat
NAD NAGAN-RAYA	0449z	04	Oct	2023	4.1m	Threat
NAD BIREUEN	0456z	04	Oct	2023	1.9m	Threat
SUMUT NIAS B	0457z	04	Oct	2023	2.1m	Threat
GUNUNGSITOLI	0457z	04	Oct	2023	2.0m	Threat
NAD ACEH-BARAT-DAYA	0500z	04	Oct	2023	3.2m	Threat
NAD ACEH-SELATAN U	0500z	04	Oct	2023	2.3m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500z	04	Oct	2023	2.1m	Threat
NAD ACEH-UTARA B	0504z	04	Oct	2023	1.7m	Threat
NAD KOTA-LHOKSEUMAWA	0505z	04	Oct	2023	1.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	0506z	04	Oct	2023	1.6m	Threat
NAD ACEH-SELATAN S	0513z	04	Oct	2023	2.5m	Threat
SUMUT NIAS-SELATAN P.TANABALA	0514z	04	Oct	2023	1.4m	Threat
NAD ACEH-UTARA T	0515z	04	Oct	2023	2.9m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0519z	04	Oct	2023	1.4m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0523z	04	Oct	2023	1.5m	Threat
NAD ACEH-TIMUR	0534z	04	Oct	2023	2.7m	Threat
NAD ACEH-SINGKIL	0603z	04	Oct	2023	1.6m	Threat
SUMUT TAPANULI-TENGAH U	0626z	04	Oct	2023	2.1m	Threat
MUARASIBERUT	0627z	04	Oct	2023	2.6m	Threat
NAD KOTA-LANGSA	0637z	04	Oct	2023	2.3m	Threat
SUMUT TAPANULI-SELATAN	0642z	04	Oct	2023	1.2m	Threat
NAD ACEH-TAMIANG	0658z	04	Oct	2023	1.3m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0659z	04	Oct	2023	3.2m	Threat
NIAS	0738z	04	Oct	2023	1.5m	Threat
SUMUT LANGKAT	0741z	04	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0748z	04	Oct	2023	1.5m	Threat
NIAS-EAST	0805z	04	Oct	2023	1.4m	Threat
BELAWAN	0806z	04	Oct	2023	1.4m	Threat
SUMUT DELISERDANG	0814z	04	Oct	2023	1.7m	Threat
SUMUT SERDANG-BEDAGAI	0819z	04	Oct	2023	1.6m	Threat

SUMUT ASAHAN	0836z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0908z	04	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	0934z	04	Oct	2023	1.6m	Threat
JATENG CILACAP	1000z	04	Oct	2023	0.7m	Threat
BANTEN KOTA-CILEGON	1011z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1012z	04	Oct	2023	0.7m	Threat
BANTEN SERANG B	1012z	04	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	1016z	04	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	1017z	04	Oct	2023	0.6m	Threat
NIAS-NORTH	1046z	04	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL U	1047z	04	Oct	2023	1.4m	Threat
SUMUT MANDAILING-NATAL S	1051z	04	Oct	2023	0.9m	Threat
SOUTH OF BODAHAYIONE	1102z	04	Oct	2023	1.2m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1107z	04	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	1107z	04	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	1115z	04	Oct	2023	1.2m	Threat
LABUHAN BATU	1147z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS B	1147z	04	Oct	2023	0.8m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1154z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	1217z	04	Oct	2023	0.9m	Threat
ROKAN HILIR	1237z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1238z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1311z	04	Oct	2023	0.9m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1328z	04	Oct	2023	1.0m	Threat
SUMBAR AGAM	1332z	04	Oct	2023	1.2m	Threat
BENGKULU KAUR	1336z	04	Oct	2023	0.9m	Threat
BENGKULU SELUMA	1342z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1345z	04	Oct	2023	0.7m	Threat
JABAR CIANJUR SINDANGBARANG	1348z	04	Oct	2023	0.8m	Threat
DUMAI	1350z	04	Oct	2023	0.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	1351z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG P.PANAITAN	1351z	04	Oct	2023	1.3m	Threat
JABAR TASIKMALAYA	1354z	04	Oct	2023	1.0m	Threat
BENGKULU MUKOMUKO	1358z	04	Oct	2023	1.0m	Threat
JABAR GARUT	1409z	04	Oct	2023	0.8m	Threat
DIY BANTUL	1442z	04	Oct	2023	0.7m	Threat
DIY GUNUNG-KIDUL	1443z	04	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	1445z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG S	1454z	04	Oct	2023	0.8m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1520z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1525z	04	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	1527z	04	Oct	2023	0.8m	Threat
LAMPUNG TANGGAMUS P.TABUAN	1540z	04	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN S	1646z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	1708z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG S	1709z	04	Oct	2023	0.8m	Threat
SUMBAR PESISIR-SELATAN U	1711z	04	Oct	2023	0.7m	Threat
MURASAI BI	1723z	04	Oct	2023	0.7m	Threat
NTB SUMBAWA S	1800z	04	Oct	2023	0.6m	Threat
MUARASIGEP	1833z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN U	1835z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN S	1859z	04	Oct	2023	0.7m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1905z	04	Oct	2023	0.6m	Threat
JATENG KEBUMEN	1915z	04	Oct	2023	0.6m	Threat
SUMBAR KOTA-PARIAMAN	1926z	04	Oct	2023	0.7m	Threat
JATIM BLITAR	1949z	04	Oct	2023	0.5m	Threat
BALI DENPASAR PANTAI-SANUR	2022z	04	Oct	2023	0.7m	Threat
NTB LOMBOK-TIMUR S	2133z	04	Oct	2023	0.6m	Threat
NTB LOMBOK-TENGAH	2203z	04	Oct	2023	0.8m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	2205z	04	Oct	2023	0.7m	Threat
JATIM PACITAN	2305z	04	Oct	2023	0.7m	Threat
NTB KOTA-BIMA S	2316z	04	Oct	2023	0.5m	Threat
DIY KULON-PROGO	2337z	04	Oct	2023	0.6m	Threat
JATIM TRENGGALEK	2347z	04	Oct	2023	0.6m	Threat
JATIM JEMBER P.NUSABARUNG	2352z	04	Oct	2023	0.6m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0001z	05	Oct	2023	0.5m	Threat
JATENG WONOGIRI	0002z	05	Oct	2023	0.8m	Threat
JABAR CIAMIS	0021z	05	Oct	2023	0.7m	Threat

BALI TABANAN	0027z	05 Oct 2023	0.6m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0051z	05 Oct 2023	0.6m	Threat
JATIM JEMBER	0214z	05 Oct 2023	0.6m	Threat
BANTEN LEBAK	0306z	05 Oct 2023	0.7m	Threat
JATIM MALANG	0309z	05 Oct 2023	0.5m	Threat
BALI BADUNG PANTAI-KUTA	0345z	05 Oct 2023	0.6m	Threat

IRAN

PUSHT	1617z	04 Oct 2023	0.7m	Threat
MISKI	0355z	05 Oct 2023	0.6m	Threat

KENYA

KIWAYU	1224z	04 Oct 2023	1.3m	Threat
KIPINI	1246z	04 Oct 2023	1.4m	Threat
KISIMACHANDE	1248z	04 Oct 2023	1.1m	Threat
MALINDI	1251z	04 Oct 2023	1.5m	Threat
MVULENI	1541z	04 Oct 2023	0.9m	Threat

MADAGASCAR

VOHEMAR	1157z	04 Oct 2023	1.1m	Threat
TOAMASINA AIRPORT	1227z	04 Oct 2023	1.1m	Threat
AMBAHY	1233z	04 Oct 2023	1.0m	Threat
TAMPOLO	1236z	04 Oct 2023	1.1m	Threat
MANANTENINA	1251z	04 Oct 2023	1.0m	Threat
FARAFAGANA	1448z	04 Oct 2023	0.5m	Threat
GLORIOSO ISLANDS	1511z	04 Oct 2023	0.9m	Threat
SAMPONA	1624z	04 Oct 2023	0.9m	Threat
ANOROTSANGANA	1805z	04 Oct 2023	0.7m	Threat
BALY	2054z	04 Oct 2023	0.7m	Threat
AMBANJA	0414z	05 Oct 2023	0.6m	Threat

MALAYSIA

SATUN	0721z	04 Oct 2023	1.1m	Threat
YAN	0727z	04 Oct 2023	1.3m	Threat
WEST OF ALOR SETAR	0741z	04 Oct 2023	1.5m	Threat
SEBERANG PERAI UTARA & BARAT DAYA	0756z	04 Oct 2023	1.5m	Threat
SEBERANG PERAI SELATAN	0758z	04 Oct 2023	1.3m	Threat
KUALA MUDA	0804z	04 Oct 2023	1.3m	Threat
KERIAN	0818z	04 Oct 2023	1.3m	Threat
LARUT AND MATANG	0828z	04 Oct 2023	1.4m	Threat
MANJUNG	0842z	04 Oct 2023	1.5m	Threat
HILIR PERAK	1107z	04 Oct 2023	1.1m	Threat
SABAK BERNAM	1139z	04 Oct 2023	1.0m	Threat
KUALA SELANGOR	1155z	04 Oct 2023	1.1m	Threat
KUALA LANGAT	1225z	04 Oct 2023	0.9m	Threat
PORT DICKSON	1750z	04 Oct 2023	0.7m	Threat
SEPANG	2255z	04 Oct 2023	0.6m	Threat

MALDIVES

MALE	0711z	04 Oct 2023	4.3m	Threat
KOLHUFUSHI	0713z	04 Oct 2023	3.6m	Threat
DHIYAMIGILI	0714z	04 Oct 2023	6.6m	Threat
KULHUDUFFUSHI	0717z	04 Oct 2023	4.2m	Threat
THINADHOO	0719z	04 Oct 2023	3.1m	Threat
HITHADHOO	0720z	04 Oct 2023	1.9m	Threat
GOIDHOO	0726z	04 Oct 2023	2.3m	Threat
FERIDHOO	0732z	04 Oct 2023	2.0m	Threat
NILANDHOO	0734z	04 Oct 2023	2.8m	Threat

MAURITIUS

LA FERME	1013z	04 Oct 2023	1.6m	Threat
CARGADOS CARAJOS	1106z	04 Oct 2023	1.1m	Threat

GRANDE REVIERE SUD EST-EAST	1212z	04	Oct	2023	0.7m	Threat
MOZAMBIQUE						

MAGANJA	1319z	04	Oct	2023	1.3m	Threat
MERONVI	1424z	04	Oct	2023	1.3m	Threat
LUMBO	1539z	04	Oct	2023	1.0m	Threat
MOGINCUAL	1646z	04	Oct	2023	0.8m	Threat
TAVARI	1700z	04	Oct	2023	0.8m	Threat
QUITERAJO	1720z	04	Oct	2023	1.0m	Threat
MAGUEMBA	1742z	04	Oct	2023	0.8m	Threat
NANGATA	1903z	04	Oct	2023	0.7m	Threat
PEMBA	1913z	04	Oct	2023	0.8m	Threat
MOEBASE	0140z	05	Oct	2023	0.5m	Threat
MYANMAR						

GREAT WESTERN TORRES ISLAND	0534z	04	Oct	2023	2.3m	Threat
LORD LOUGHBOROUGH ISLAND	0534z	04	Oct	2023	2.2m	Threat
THAN KYUN	0538z	04	Oct	2023	2.3m	Threat
LITTLE COCO ISLAND	0540z	04	Oct	2023	1.6m	Threat
PREPARIS ISLAND	0548z	04	Oct	2023	1.0m	Threat
CHEDUBA ISLAND	0632z	04	Oct	2023	1.9m	Threat
SITTWE	0659z	04	Oct	2023	1.5m	Threat
MALI KYUN	0701z	04	Oct	2023	1.7m	Threat
MAGYIGYAING	0702z	04	Oct	2023	1.7m	Threat
THAWINCHAUNG	0705z	04	Oct	2023	1.3m	Threat
KYAUKPYU	0706z	04	Oct	2023	1.9m	Threat
PHARPON	0708z	04	Oct	2023	1.7m	Threat
YE	0739z	04	Oct	2023	1.4m	Threat
YANGON-S	0742z	04	Oct	2023	1.1m	Threat
KYWEGYAUNG	0843z	04	Oct	2023	2.0m	Threat
MAWYEN	0854z	04	Oct	2023	1.9m	Threat
OMAN						

MIRBAT	1232z	04	Oct	2023	0.6m	Threat
SALALAH	1238z	04	Oct	2023	1.1m	Threat
TAQAH	1259z	04	Oct	2023	0.9m	Threat
HASIK	1328z	04	Oct	2023	0.8m	Threat
AD DUQM	1551z	04	Oct	2023	0.8m	Threat
AL ASHKHARAH	1609z	04	Oct	2023	0.7m	Threat
RAS AR RUWAYS	1616z	04	Oct	2023	0.8m	Threat
EAST MUSANDAM	0329z	05	Oct	2023	0.6m	Threat
MASIRAH	0432z	05	Oct	2023	0.6m	Threat
SUR	0434z	05	Oct	2023	0.6m	Threat
MUSCAT	0454z	05	Oct	2023	0.5m	Threat
PAKISTAN						

WINDER	1950z	04	Oct	2023	0.7m	Threat
ORMARA	2137z	04	Oct	2023	0.7m	Threat
SINDH	0420z	05	Oct	2023	0.7m	Threat
SEYCHELLES						

FREGATE ISLAND	1025z	04	Oct	2023	1.3m	Threat
TAKAMAKA	1142z	04	Oct	2023	1.0m	Threat
SOMALIA						

BANDER-BEYLA	1111z	04	Oct	2023	2.2m	Threat
TOOXIN	1118z	04	Oct	2023	2.0m	Threat
EYL	1119z	04	Oct	2023	1.8m	Threat
GALDOGOB	1121z	04	Oct	2023	2.0m	Threat
JARIIBAN	1122z	04	Oct	2023	1.6m	Threat
MAREEG	1131z	04	Oct	2023	1.9m	Threat
ITALA	1132z	04	Oct	2023	1.3m	Threat

CEEL DHEER	1132z	04	Oct	2023	2.1m	Threat
XARARDHEERE	1133z	04	Oct	2023	2.5m	Threat
UARSCIECH	1135z	04	Oct	2023	1.4m	Threat
MUQDISHO	1141z	04	Oct	2023	1.4m	Threat
ABO	1151z	04	Oct	2023	1.2m	Threat
BARAAWE	1156z	04	Oct	2023	1.0m	Threat
JILIB	1200z	04	Oct	2023	1.1m	Threat
NE BEERNAASI	1208z	04	Oct	2023	1.5m	Threat
KAAMBOONI	1215z	04	Oct	2023	1.0m	Threat
QANDALA	2357z	04	Oct	2023	0.5m	Threat

SOUTH AFRICA

MOSSEL	2205z	04	Oct	2023	0.7m	Threat
PORT ELIZABETH	2302z	04	Oct	2023	0.6m	Threat
GEORGE	0021z	05	Oct	2023	0.6m	Threat
HANKEY	0214z	05	Oct	2023	0.5m	Threat
KAYSERS BEACH	0324z	05	Oct	2023	0.6m	Threat
ALEXANDRIA	0406z	05	Oct	2023	0.5m	Threat
PORT DURNFORD	0410z	05	Oct	2023	0.6m	Threat
MANDI	0444z	05	Oct	2023	0.5m	Threat

SRI LANKA

AKKARAI PATTU	0547z	04	Oct	2023	3.5m	Threat
OKANDA	0548z	04	Oct	2023	1.8m	Threat
BATTICALOA	0548z	04	Oct	2023	5.3m	Threat
KIRINDA	0551z	04	Oct	2023	6.0m	Threat
POTTUVIL	0551z	04	Oct	2023	4.2m	Threat
ANAITIVU	0551z	04	Oct	2023	3.1m	Threat
PANKULAM	0555z	04	Oct	2023	4.3m	Threat
KATTANKUDI	0556z	04	Oct	2023	6.0m	Threat
MULLAITTIVU	0603z	04	Oct	2023	4.6m	Threat
MATARA	0603z	04	Oct	2023	2.7m	Threat
TANGALLE	0605z	04	Oct	2023	2.2m	Threat
HAMBANTOTA	0608z	04	Oct	2023	5.2m	Threat
GALLE	0613z	04	Oct	2023	3.1m	Threat
AMBALANGODA	0616z	04	Oct	2023	1.9m	Threat
CHUNDIKKULAM	0619z	04	Oct	2023	3.6m	Threat
BERUWALA	0621z	04	Oct	2023	1.6m	Threat
MORATUWA	0627z	04	Oct	2023	1.8m	Threat
CHAVAKACHCHERI	0630z	04	Oct	2023	3.6m	Threat
COLOMBO	0634z	04	Oct	2023	3.0m	Threat
POINT PEDRO	0635z	04	Oct	2023	3.2m	Threat
NEGOMBO	0636z	04	Oct	2023	1.4m	Threat
MUNDAL LAKE	0644z	04	Oct	2023	1.4m	Threat
MANNAR ISLAND	0652z	04	Oct	2023	1.6m	Threat
MUSALI	0708z	04	Oct	2023	1.3m	Threat

TANZANIA

MADANGWA	1259z	04	Oct	2023	0.9m	Threat
VUMBA	1303z	04	Oct	2023	1.0m	Threat
JIMBO	1314z	04	Oct	2023	0.9m	Threat
KUTANI	1320z	04	Oct	2023	0.8m	Threat
SONGO SONGO ISLAND	1321z	04	Oct	2023	1.0m	Threat
VUMBI	1323z	04	Oct	2023	0.6m	Threat
ZANZIBAR	1333z	04	Oct	2023	0.8m	Threat
MSASANI	1353z	04	Oct	2023	0.9m	Threat
RUVU	1419z	04	Oct	2023	1.1m	Threat
BAGAMOYO	1521z	04	Oct	2023	0.8m	Threat
WEST TO KONDE	1525z	04	Oct	2023	0.8m	Threat
BOMALANDNI	2057z	04	Oct	2023	0.6m	Threat

THAILAND

THAI MUEANG	0528z	04	Oct	2023	3.4m	Threat
KO RACHA NOI	0535z	04	Oct	2023	3.0m	Threat

IOC Technical Series, 181 (I) Supplement 1
page 138

KOH SURIN TAI	0539z	04	Oct	2023	2.7m	Threat
THAI MUEANG TAKUA PA	0609z	04	Oct	2023	2.9m	Threat
KOH LANTA YAI	0612z	04	Oct	2023	2.4m	Threat
KOH ROK	0617z	04	Oct	2023	1.9m	Threat
MUEANG SATUN	0623z	04	Oct	2023	1.6m	Threat
KOH TARUTAO	0711z	04	Oct	2023	2.3m	Threat

UNITED ARAB EMIRATES

KALBA 0326z 05 Oct 2023 0.7m Threat

UNITED KINGDOM

MORESBY ISLAND 0736z 04 Oct 2023 4.2m Threat
DIEGO GARCIA 0743z 04 Oct 2023 1.5m Threat
NW EGMONT ISLAND 0810z 04 Oct 2023 0.7m Threat

YEMEN

DAMQAWT 1126z 04 Oct 2023 1.0m Threat
AL GHAYDAH AIRPORT 1139z 04 Oct 2023 1.8m Threat
SOCOTRA ISLAND SOUTH 1147z 04 Oct 2023 1.8m Threat
SOCOTRA ISLAND NORTH 1247z 04 Oct 2023 1.0m Threat
MASILLAH WADI 1325z 04 Oct 2023 0.7m Threat
HUSWAYN 1330z 04 Oct 2023 1.8m Threat
HAMI 1333z 04 Oct 2023 0.8m Threat
AL MUKALLA 1359z 04 Oct 2023 1.1m Threat
KHANFAR 1447z 04 Oct 2023 0.9m Threat
ALQUMRAH 1508z 04 Oct 2023 1.0m Threat
HARRAH 1917z 04 Oct 2023 0.7m Threat
EAST TO HAMI 2116z 04 Oct 2023 0.7m Threat
MAALLAH 2301z 04 Oct 2023 1.0m Threat
SOCOTRA ISLAND WEST 2349z 04 Oct 2023 0.7m Threat

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.

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 TSP INDIA for this event as more information becomes available.

Other TSPs may issue additional information at:

TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

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

6. CONTACT INFORMATION

IOTWMS-TSP INDIA:

INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)

Indian National Centre for Ocean Information Services (INCOIS)

Address: "ocean valley", Pragathi Nagar (Bo), Nizampet (So),

Hyderabad - 500 090, India

Phone: 91-40-23895011

Fax: 91-40-23895012

Email: tsunami@incois.gov.in

Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT

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BULLETIN 3

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# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
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TSUNAMI BULLETIN NUMBER 3 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 0430 UTC WEDNESDAY 04 OCTOBER 2023

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

This bulletin applies to areas within and bordering the Indian Ocean.
It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

2. EVALUATION

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

LOCATION	LAT	LON	TIME	DATE	AMPL
Campbell Bay (INDIA)	7.00N	93.93E	0428z	04 Oct 2023	6.0m
Sabang (INDONESIA)	5.83N	95.33E	0429z	04 Oct 2023	3.6m

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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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.

AUSTRALIA

PILBARA COAST WEST	1037z	04 Oct 2023	0.8m	Threat
GASCOYNE COAST	1441z	04 Oct 2023	0.9m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1446z	04 Oct 2023	1.1m	Threat
PILBARA COAST EAST	1501z	04 Oct 2023	0.9m	Threat
GERALDTON COAST	1517z	04 Oct 2023	1.0m	Threat
BUNBURY GEOGRAPHE COAST	1518z	04 Oct 2023	0.8m	Threat
NINGALOO COAST	1609z	04 Oct 2023	0.6m	Threat
LEEWIN COAST	1642z	04 Oct 2023	0.8m	Threat
LANCELIN COAST	2301z	04 Oct 2023	0.6m	Threat
ALBANY COAST	0221z	05 Oct 2023	0.6m	Threat
WEST KIMBERLY COAST	0324z	05 Oct 2023	0.6m	Threat
PERTH COAST	0431z	05 Oct 2023	0.7m	Threat

BANGLADESH

COXS BAZAR	0733z	04	Oct	2023	1.8m	Threat
KUTUBDIA ISLAND	0753z	04	Oct	2023	1.7m	Threat
BARGUNA	0759z	04	Oct	2023	2.0m	Threat
CHALNA	0941z	04	Oct	2023	1.1m	Threat
COMOROS						

CHEZANI	1442z	04	Oct	2023	0.7m	Threat
DJIBOUTI						

NW ARTA	1412z	04	Oct	2023	0.7m	Threat
MUHAMMAD ALI BIN FATHA SUMANA	0419z	05	Oct	2023	0.5m	Threat
FRANCE						

ILE KERGUELEN	1444z	04	Oct	2023	1.7m	Threat
CROZET PLATEAU	1546z	04	Oct	2023	0.6m	Threat
ILE DE LA POSSESSION	2025z	04	Oct	2023	0.7m	Threat
INDIA						

KOMATRA & KATCHAL ISLAND	0402z	04	Oct	2023	9.6m	Threat
INDIRA POINT	0402z	04	Oct	2023	12.5m	Threat
CAR NICOBAR	0404z	04	Oct	2023	6.9m	Threat
LITTLE ANDAMAN	0433z	04	Oct	2023	9.6m	Threat
PORT BLAIR	0446z	04	Oct	2023	7.2m	Threat
NORTH SENTINEL ISLAND	0449z	04	Oct	2023	3.3m	Threat
HAVELOCK	0456z	04	Oct	2023	3.5m	Threat
BARREN ISLAND	0505z	04	Oct	2023	0.7m	Threat
RANGATH BAY	0509z	04	Oct	2023	3.4m	Threat
DIGLIPUR	0515z	04	Oct	2023	2.2m	Threat
FLAT ISLAND	0522z	04	Oct	2023	2.6m	Threat
WEST & LANDFALL ISLAND	0523z	04	Oct	2023	2.1m	Threat
NARCONDAM ISLAND	0552z	04	Oct	2023	0.6m	Threat
MARAKKANAM	0617z	04	Oct	2023	5.5m	Threat
PUDUCHERRY	0619z	04	Oct	2023	7.1m	Threat
CUDDALORE	0620z	04	Oct	2023	4.7m	Threat
POOMBUHAR	0621z	04	Oct	2023	4.2m	Threat
ENNORE	0622z	04	Oct	2023	5.0m	Threat
KAKINADA	0623z	04	Oct	2023	2.9m	Threat
MAHABALIPURAM	0625z	04	Oct	2023	5.4m	Threat
MACHILIPATNAM	0625z	04	Oct	2023	3.0m	Threat
SRIHARIKOTA	0627z	04	Oct	2023	4.2m	Threat
PERUPALEM	0628z	04	Oct	2023	2.1m	Threat
CHENNAI	0629z	04	Oct	2023	5.9m	Threat
NAGAPATTINAM	0630z	04	Oct	2023	4.2m	Threat
KARAIKAL	0632z	04	Oct	2023	3.6m	Threat
NIJAMPATTANAM	0633z	04	Oct	2023	3.1m	Threat
PURI	0638z	04	Oct	2023	2.8m	Threat
MALLIPATTINAM	0638z	04	Oct	2023	3.0m	Threat
MUTHUPET	0638z	04	Oct	2023	3.1m	Threat
KOTTAPATNAM	0639z	04	Oct	2023	3.4m	Threat
VISAKHAPATNAM	0639z	04	Oct	2023	3.0m	Threat
PARADIP	0639z	04	Oct	2023	1.7m	Threat
KALINGAPATNAM	0640z	04	Oct	2023	3.4m	Threat
KONADA	0640z	04	Oct	2023	2.5m	Threat
GOPALPUR	0648z	04	Oct	2023	2.7m	Threat
JAMBOO	0656z	04	Oct	2023	1.8m	Threat
RAMESWARAM	0700z	04	Oct	2023	1.6m	Threat
TUTICORIN	0702z	04	Oct	2023	2.1m	Threat
KOTTAIPPATTANAM	0703z	04	Oct	2023	1.5m	Threat
KOODANKULAM	0718z	04	Oct	2023	1.6m	Threat
KANYAKUMARI	0726z	04	Oct	2023	2.8m	Threat
HEMNAGAR	0729z	04	Oct	2023	1.2m	Threat
QUILON	0731z	04	Oct	2023	1.0m	Threat
DHAMRA	0734z	04	Oct	2023	1.7m	Threat

NAMKHANA	0736z	04	Oct	2023	1.3m	Threat
TRIVANDRUM	0737z	04	Oct	2023	1.8m	Threat
DIGHA	0742z	04	Oct	2023	2.0m	Threat
ALLEPPEY ALAPPUZHA	0746z	04	Oct	2023	1.4m	Threat
CHANDIPUR	0749z	04	Oct	2023	1.6m	Threat
KAVARATTI	0823z	04	Oct	2023	0.5m	Threat
AGATTI	0844z	04	Oct	2023	0.7m	Threat
VADANAPPALLY	1040z	04	Oct	2023	1.0m	Threat
COCHIN	1043z	04	Oct	2023	1.3m	Threat
MALVAN BAY	1051z	04	Oct	2023	0.7m	Threat
KARWAR	1052z	04	Oct	2023	1.1m	Threat
UDUPI	1102z	04	Oct	2023	0.9m	Threat
BEYPORE	1110z	04	Oct	2023	1.0m	Threat
KANNUR	1115z	04	Oct	2023	1.0m	Threat
MAHE	1121z	04	Oct	2023	0.9m	Threat
JAIGARH	1245z	04	Oct	2023	0.7m	Threat
KASARAGOD	1300z	04	Oct	2023	1.2m	Threat
VAKKAD	1318z	04	Oct	2023	1.0m	Threat
VASCO	1332z	04	Oct	2023	0.7m	Threat
PANAJI	1457z	04	Oct	2023	0.8m	Threat
MANGALORE	1851z	04	Oct	2023	0.9m	Threat
TARAPUR	2246z	04	Oct	2023	0.5m	Threat
HAZIRA, DIU	0003z	05	Oct	2023	0.6m	Threat
BHARUCH	0029z	05	Oct	2023	0.6m	Threat
HAZIRA	0032z	05	Oct	2023	0.6m	Threat
ALIBAG PORT	0227z	05	Oct	2023	0.5m	Threat
KHAMBAT	0325z	05	Oct	2023	0.6m	Threat
DWARKA	0333z	05	Oct	2023	0.6m	Threat

INDONESIA

NAD ACEH-JAYA	0420z	04	Oct	2023	6.1m	Threat
NAD ACEH-BESAR P.BREUEH	0421z	04	Oct	2023	7.6m	Threat
NAD KOTA-BANDA-ACEH	0423z	04	Oct	2023	9.4m	Threat
NAD ACEH-BESAR B	0423z	04	Oct	2023	10.1m	Threat
NAD KOTA-SABANG P.WEH	0427z	04	Oct	2023	3.9m	Threat
NAD ACEH-BESAR P.PENASI	0429z	04	Oct	2023	5.9m	Threat
NAD ACEH-BARAT	0438z	04	Oct	2023	3.0m	Threat
NAD SIMEULUE P.SIMEULUE	0441z	04	Oct	2023	3.4m	Threat
NAD ACEH-BESAR U	0441z	04	Oct	2023	2.0m	Threat
NAD PIDIE	0445z	04	Oct	2023	1.8m	Threat
NAD NAGAN-RAYA	0449z	04	Oct	2023	4.1m	Threat
NAD BIREUEN	0456z	04	Oct	2023	1.9m	Threat
SUMUT NIAS B	0457z	04	Oct	2023	2.1m	Threat
GUNUNGSITOLI	0457z	04	Oct	2023	2.0m	Threat
NAD ACEH-BARAT-DAYA	0500z	04	Oct	2023	3.2m	Threat
NAD ACEH-SELATAN U	0500z	04	Oct	2023	2.3m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500z	04	Oct	2023	2.1m	Threat
NAD ACEH-UTARA B	0504z	04	Oct	2023	1.7m	Threat
NAD KOTA-LHOKSEUMAWE	0505z	04	Oct	2023	1.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	0506z	04	Oct	2023	1.6m	Threat
NAD ACEH-SELATAN S	0513z	04	Oct	2023	2.5m	Threat
SUMUT NIAS-SELATAN P.TANABALA	0514z	04	Oct	2023	1.4m	Threat
NAD ACEH-UTARA T	0515z	04	Oct	2023	2.9m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0519z	04	Oct	2023	1.4m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0523z	04	Oct	2023	1.5m	Threat
NAD ACEH-TIMUR	0534z	04	Oct	2023	2.7m	Threat
NAD ACEH-SINGKIL	0603z	04	Oct	2023	1.6m	Threat
SUMUT TAPANULI-TENGAH U	0626z	04	Oct	2023	2.1m	Threat
MUARASIBERUT	0627z	04	Oct	2023	2.6m	Threat
NAD KOTA-LANGSA	0637z	04	Oct	2023	2.3m	Threat
SUMUT TAPANULI-SELATAN	0642z	04	Oct	2023	1.2m	Threat
NAD ACEH-TAMIANG	0658z	04	Oct	2023	1.3m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0659z	04	Oct	2023	3.2m	Threat
NIAS	0738z	04	Oct	2023	1.5m	Threat
SUMUT LANGKAT	0741z	04	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0748z	04	Oct	2023	1.5m	Threat
NIAS-EAST	0805z	04	Oct	2023	1.4m	Threat

BELAWAN	0806z	04	Oct	2023	1.4m	Threat
SUMUT DELISERDANG	0814z	04	Oct	2023	1.7m	Threat
SUMUT SERDANG-BEDAGAI	0819z	04	Oct	2023	1.6m	Threat
SUMUT ASAHAN	0836z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0908z	04	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	0934z	04	Oct	2023	1.6m	Threat
JATENG CILACAP	1000z	04	Oct	2023	0.7m	Threat
BANTEN KOTA-CILEGON	1011z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1012z	04	Oct	2023	0.7m	Threat
BANTEN SERANG B	1012z	04	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	1016z	04	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	1017z	04	Oct	2023	0.6m	Threat
NIAS-NORTH	1046z	04	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL U	1047z	04	Oct	2023	1.4m	Threat
SUMUT MANDAILING-NATAL S	1051z	04	Oct	2023	0.9m	Threat
SOUTH OF BODAHAYIONE	1102z	04	Oct	2023	1.2m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1107z	04	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	1107z	04	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	1115z	04	Oct	2023	1.2m	Threat
LABUHAN BATU	1147z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS B	1147z	04	Oct	2023	0.8m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1154z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	1217z	04	Oct	2023	0.9m	Threat
ROKAN HILIR	1237z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1238z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1311z	04	Oct	2023	0.9m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1328z	04	Oct	2023	1.0m	Threat
SUMBAR AGAM	1332z	04	Oct	2023	1.2m	Threat
BENGKULU KAUR	1336z	04	Oct	2023	0.9m	Threat
BENGKULU SELUMA	1342z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1345z	04	Oct	2023	0.7m	Threat
JABAR CIANJUR SINDANGBARANG	1348z	04	Oct	2023	0.8m	Threat
DUMAI	1350z	04	Oct	2023	0.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	1351z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG P.PANAITAN	1351z	04	Oct	2023	1.3m	Threat
JABAR TASIKMALAYA	1354z	04	Oct	2023	1.0m	Threat
BENGKULU MUKOMUKO	1358z	04	Oct	2023	1.0m	Threat
JABAR GARUT	1409z	04	Oct	2023	0.8m	Threat
DIY BANTUL	1442z	04	Oct	2023	0.7m	Threat
DIY GUNUNG-KIDUL	1443z	04	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	1445z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG S	1454z	04	Oct	2023	0.8m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1520z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1525z	04	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	1527z	04	Oct	2023	0.8m	Threat
LAMPUNG TANGGAMUS P.TABUAN	1540z	04	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN S	1646z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	1708z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG S	1709z	04	Oct	2023	0.8m	Threat
SUMBAR PESISIR-SELATAN U	1711z	04	Oct	2023	0.7m	Threat
MURSAIBI	1723z	04	Oct	2023	0.7m	Threat
NTB SUMBAWA S	1800z	04	Oct	2023	0.6m	Threat
MUARASIGEP	1833z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN U	1835z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN S	1859z	04	Oct	2023	0.7m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1905z	04	Oct	2023	0.6m	Threat
JATENG KEBUMEN	1915z	04	Oct	2023	0.6m	Threat
SUMBAR KOTA-PARIAMAN	1926z	04	Oct	2023	0.7m	Threat
JATIM BLITAR	1949z	04	Oct	2023	0.5m	Threat
BALI DENPASAR PANTAI-SANUR	2022z	04	Oct	2023	0.7m	Threat
NTB LOMBOK-TIMUR S	2133z	04	Oct	2023	0.6m	Threat
NTB LOMBOK-TENGAH	2203z	04	Oct	2023	0.8m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	2205z	04	Oct	2023	0.7m	Threat
JATIM PACITAN	2305z	04	Oct	2023	0.7m	Threat
NTB KOTA-BIMA S	2316z	04	Oct	2023	0.5m	Threat
DIY KULON-PROGO	2337z	04	Oct	2023	0.6m	Threat
JATIM TRENGGALEK	2347z	04	Oct	2023	0.6m	Threat
JATIM JEMBER P.NUSABARUNG	2352z	04	Oct	2023	0.6m	Threat

IOC Technical Series, 181 (I) Supplement 1
page 144

JABAR SUKABUMI PELABUHAN-RATU	0001z	05	Oct	2023	0.5m	Threat
JATENG WONOGIRI	0002z	05	Oct	2023	0.8m	Threat
JABAR CIAMIS	0021z	05	Oct	2023	0.7m	Threat
BALI TABANAN	0027z	05	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0051z	05	Oct	2023	0.6m	Threat
JATIM JEMBER	0214z	05	Oct	2023	0.6m	Threat
BANTEN LEBAK	0306z	05	Oct	2023	0.7m	Threat
JATIM MALANG	0309z	05	Oct	2023	0.5m	Threat
BALI BADUNG PANTAI-KUTA	0345z	05	Oct	2023	0.6m	Threat

IRAN

PUSHT	1617z	04	Oct	2023	0.7m	Threat
MISKI	0355z	05	Oct	2023	0.6m	Threat

KENYA

KIWAYU	1224z	04	Oct	2023	1.3m	Threat
KIPINI	1246z	04	Oct	2023	1.4m	Threat
KISIMACHANDE	1248z	04	Oct	2023	1.1m	Threat
MALINDI	1251z	04	Oct	2023	1.5m	Threat
MVULENI	1541z	04	Oct	2023	0.9m	Threat

MADAGASCAR

VOHEMAR	1157z	04	Oct	2023	1.1m	Threat
TOAMASINA AIRPORT	1227z	04	Oct	2023	1.1m	Threat
AMBAHY	1233z	04	Oct	2023	1.0m	Threat
TAMPOLO	1236z	04	Oct	2023	1.1m	Threat
MANANTENINA	1251z	04	Oct	2023	1.0m	Threat
FARAFAGANA	1448z	04	Oct	2023	0.5m	Threat
GLORIOSO ISLANDS	1511z	04	Oct	2023	0.9m	Threat
SAMPONA	1624z	04	Oct	2023	0.9m	Threat
ANOROTSANGANA	1805z	04	Oct	2023	0.7m	Threat
BALY	2054z	04	Oct	2023	0.7m	Threat
AMBANJA	0414z	05	Oct	2023	0.6m	Threat

MALAYSIA

SATUN	0721z	04	Oct	2023	1.1m	Threat
YAN	0727z	04	Oct	2023	1.3m	Threat
WEST OF ALOR SETAR	0741z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI UTARA & BARAT DAYA	0756z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI SELATAN	0758z	04	Oct	2023	1.3m	Threat
KUALA MUDA	0804z	04	Oct	2023	1.3m	Threat
KERIAN	0818z	04	Oct	2023	1.3m	Threat
LARUT AND MATANG	0828z	04	Oct	2023	1.4m	Threat
MANJUNG	0842z	04	Oct	2023	1.5m	Threat
HILIR PERAK	1107z	04	Oct	2023	1.1m	Threat
SABAK BERNAM	1139z	04	Oct	2023	1.0m	Threat
KUALA SELANGOR	1155z	04	Oct	2023	1.1m	Threat
KUALA LANGAT	1225z	04	Oct	2023	0.9m	Threat
PORT DICKSON	1750z	04	Oct	2023	0.7m	Threat
SEPANG	2255z	04	Oct	2023	0.6m	Threat

MALDIVES

MALE	0711z	04	Oct	2023	4.3m	Threat
KOLHUFUSHI	0713z	04	Oct	2023	3.6m	Threat
DHIYAMIGILI	0714z	04	Oct	2023	6.6m	Threat
KULHUDUFFUSHI	0717z	04	Oct	2023	4.2m	Threat
THINADHOO	0719z	04	Oct	2023	3.1m	Threat
HITHADHOO	0720z	04	Oct	2023	1.9m	Threat
GOIDHOO	0726z	04	Oct	2023	2.3m	Threat
FERIDHOO	0732z	04	Oct	2023	2.0m	Threat
NILANDHOO	0734z	04	Oct	2023	2.8m	Threat

MAURITIUS

 LA FERME 1013z 04 Oct 2023 1.6m Threat
 CARGADOS CARAJOS 1106z 04 Oct 2023 1.1m Threat
 GRANDE REVIERE SUD EST-EAST 1212z 04 Oct 2023 0.7m Threat

MOZAMBIQUE

 MAGANJA 1319z 04 Oct 2023 1.3m Threat
 MERONVI 1424z 04 Oct 2023 1.3m Threat
 LUMBO 1539z 04 Oct 2023 1.0m Threat
 MOGINCUAL 1646z 04 Oct 2023 0.8m Threat
 TAVARI 1700z 04 Oct 2023 0.8m Threat
 QUITERAJO 1720z 04 Oct 2023 1.0m Threat
 MAGUEMBA 1742z 04 Oct 2023 0.8m Threat
 NANGATA 1903z 04 Oct 2023 0.7m Threat
 PEMBA 1913z 04 Oct 2023 0.8m Threat
 MOEBASE 0140z 05 Oct 2023 0.5m Threat

MYANMAR

 GREAT WESTERN TORRES ISLAND 0534z 04 Oct 2023 2.3m Threat
 LORD LOUGHBOROUGH ISLAND 0534z 04 Oct 2023 2.2m Threat
 THAN KYUN 0538z 04 Oct 2023 2.3m Threat
 LITTLE COCO ISLAND 0540z 04 Oct 2023 1.6m Threat
 PREPARIS ISLAND 0548z 04 Oct 2023 1.0m Threat
 CHEDUBA ISLAND 0632z 04 Oct 2023 1.9m Threat
 SITTWE 0659z 04 Oct 2023 1.5m Threat
 MALI KYUN 0701z 04 Oct 2023 1.7m Threat
 MAGYIGYAING 0702z 04 Oct 2023 1.7m Threat
 THAWINCHAUNG 0705z 04 Oct 2023 1.3m Threat
 KYAUKPYU 0706z 04 Oct 2023 1.9m Threat
 PHARPON 0708z 04 Oct 2023 1.7m Threat
 YE 0739z 04 Oct 2023 1.4m Threat
 YANGON-S 0742z 04 Oct 2023 1.1m Threat
 KYWEGYAUNG 0843z 04 Oct 2023 2.0m Threat
 MAWYEN 0854z 04 Oct 2023 1.9m Threat

OMAN

 MIRBAT 1232z 04 Oct 2023 0.6m Threat
 SALALAH 1238z 04 Oct 2023 1.1m Threat
 TAQAH 1259z 04 Oct 2023 0.9m Threat
 HASIK 1328z 04 Oct 2023 0.8m Threat
 AD DUQM 1551z 04 Oct 2023 0.8m Threat
 AL ASHKHARAH 1609z 04 Oct 2023 0.7m Threat
 RAS AR RUWAYS 1616z 04 Oct 2023 0.8m Threat
 EAST MUSANDAM 0329z 05 Oct 2023 0.6m Threat
 MASIRAH 0432z 05 Oct 2023 0.6m Threat
 SUR 0434z 05 Oct 2023 0.6m Threat
 MUSCAT 0454z 05 Oct 2023 0.5m Threat

PAKISTAN

 WINDER 1950z 04 Oct 2023 0.7m Threat
 ORMARA 2137z 04 Oct 2023 0.7m Threat
 SINDH 0420z 05 Oct 2023 0.7m Threat

SEYCHELLES

 FREGATE ISLAND 1025z 04 Oct 2023 1.3m Threat
 TAKAMAKA 1142z 04 Oct 2023 1.0m Threat

SOMALIA

 BANDER-BEYLA 1111z 04 Oct 2023 2.2m Threat
 TOOXIN 1118z 04 Oct 2023 2.0m Threat
 EYL 1119z 04 Oct 2023 1.8m Threat
 GALDOGOB 1121z 04 Oct 2023 2.0m Threat

JARIIBAN	1122z	04	Oct	2023	1.6m	Threat
MAREEG	1131z	04	Oct	2023	1.9m	Threat
ITALA	1132z	04	Oct	2023	1.3m	Threat
CEEL DHEER	1132z	04	Oct	2023	2.1m	Threat
XARARDHEERE	1133z	04	Oct	2023	2.5m	Threat
UARSCIECH	1135z	04	Oct	2023	1.4m	Threat
MUQDISHO	1141z	04	Oct	2023	1.4m	Threat
ABO	1151z	04	Oct	2023	1.2m	Threat
BARAAWE	1156z	04	Oct	2023	1.0m	Threat
JILIB	1200z	04	Oct	2023	1.1m	Threat
NE BEERNAASI	1208z	04	Oct	2023	1.5m	Threat
KAAMBOONI	1215z	04	Oct	2023	1.0m	Threat
QANDALA	2357z	04	Oct	2023	0.5m	Threat

SOUTH AFRICA

MOSSEL	2205z	04	Oct	2023	0.7m	Threat
PORT ELIZABETH	2302z	04	Oct	2023	0.6m	Threat
GEORGE	0021z	05	Oct	2023	0.6m	Threat
HANKEY	0214z	05	Oct	2023	0.5m	Threat
KAYSERS BEACH	0324z	05	Oct	2023	0.6m	Threat
ALEXANDRIA	0406z	05	Oct	2023	0.5m	Threat
PORT DURNFORD	0410z	05	Oct	2023	0.6m	Threat
MANDI	0444z	05	Oct	2023	0.5m	Threat

SRI LANKA

AKKARAIPATTU	0547z	04	Oct	2023	3.5m	Threat
OKANDA	0548z	04	Oct	2023	1.8m	Threat
BATTICALOA	0548z	04	Oct	2023	5.3m	Threat
KIRINDA	0551z	04	Oct	2023	6.0m	Threat
POTTUVIL	0551z	04	Oct	2023	4.2m	Threat
ANAITIVU	0551z	04	Oct	2023	3.1m	Threat
PANKULAM	0555z	04	Oct	2023	4.3m	Threat
KATTANKUDI	0556z	04	Oct	2023	6.0m	Threat
MULLAITTIVU	0603z	04	Oct	2023	4.6m	Threat
MATARA	0603z	04	Oct	2023	2.7m	Threat
TANGALLE	0605z	04	Oct	2023	2.2m	Threat
HAMBANTOTA	0608z	04	Oct	2023	5.2m	Threat
GALLE	0613z	04	Oct	2023	3.1m	Threat
AMBALANGODA	0616z	04	Oct	2023	1.9m	Threat
CHUNDIKKULAM	0619z	04	Oct	2023	3.6m	Threat
BERUWALA	0621z	04	Oct	2023	1.6m	Threat
MORATUWA	0627z	04	Oct	2023	1.8m	Threat
CHAVAKACHCHERI	0630z	04	Oct	2023	3.6m	Threat
COLOMBO	0634z	04	Oct	2023	3.0m	Threat
POINT PEDRO	0635z	04	Oct	2023	3.2m	Threat
NEGOMBO	0636z	04	Oct	2023	1.4m	Threat
MUNDAL LAKE	0644z	04	Oct	2023	1.4m	Threat
MANNAR ISLAND	0652z	04	Oct	2023	1.6m	Threat
MUSALI	0708z	04	Oct	2023	1.3m	Threat

TANZANIA

MADANGWA	1259z	04	Oct	2023	0.9m	Threat
VUMBA	1303z	04	Oct	2023	1.0m	Threat
JIMBO	1314z	04	Oct	2023	0.9m	Threat
KUTANI	1320z	04	Oct	2023	0.8m	Threat
SONGO SONGO ISLAND	1321z	04	Oct	2023	1.0m	Threat
VUMBI	1323z	04	Oct	2023	0.6m	Threat
ZANZIBAR	1333z	04	Oct	2023	0.8m	Threat
MSASANI	1353z	04	Oct	2023	0.9m	Threat
RUVU	1419z	04	Oct	2023	1.1m	Threat
BAGAMOYO	1521z	04	Oct	2023	0.8m	Threat
WEST TO KONDE	1525z	04	Oct	2023	0.8m	Threat
BOMALANDNI	2057z	04	Oct	2023	0.6m	Threat

THAILAND

THAI MUEANG	0528z	04	Oct	2023	3.4m	Threat
KO RACHA NOI	0535z	04	Oct	2023	3.0m	Threat
KOH SURIN TAI	0539z	04	Oct	2023	2.7m	Threat
THAI MUEANG TAKUA PA	0609z	04	Oct	2023	2.9m	Threat
KOH LANTA YAI	0612z	04	Oct	2023	2.4m	Threat
KOH ROK	0617z	04	Oct	2023	1.9m	Threat
MUEANG SATUN	0623z	04	Oct	2023	1.6m	Threat
KOH TARUTAO	0711z	04	Oct	2023	2.3m	Threat
UNITED ARAB EMIRATES						

KALBA	0326z	05	Oct	2023	0.7m	Threat
UNITED KINGDOM						

MORESBY ISLAND	0736z	04	Oct	2023	4.2m	Threat
DIEGO GARCIA	0743z	04	Oct	2023	1.5m	Threat
NW EGMONT ISLAND	0810z	04	Oct	2023	0.7m	Threat
YEMEN						

DAMQAWT	1126z	04	Oct	2023	1.0m	Threat
AL GHAYDAH AIRPORT	1139z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND SOUTH	1147z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND NORTH	1247z	04	Oct	2023	1.0m	Threat
MASILAH WADI	1325z	04	Oct	2023	0.7m	Threat
HUSWAYN	1330z	04	Oct	2023	1.8m	Threat
HAMI	1333z	04	Oct	2023	0.8m	Threat
AL MUKALLA	1359z	04	Oct	2023	1.1m	Threat
KHANFAR	1447z	04	Oct	2023	0.9m	Threat
ALQUMRAH	1508z	04	Oct	2023	1.0m	Threat
HARRAH	1917z	04	Oct	2023	0.7m	Threat
EAST TO HAMI	2116z	04	Oct	2023	0.7m	Threat
MAALLAH	2301z	04	Oct	2023	1.0m	Threat
SOCOTRA ISLAND WEST	2349z	04	Oct	2023	0.7m	Threat

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.

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 IOTWMS-TSP INDIA for this event as more information becomes available.

OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:
 IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>
 IOTWMS-TSP INDONESIA: <http://inatews.bmkg.gov.id>

6. CONTACT INFORMATION

IOTWMS-TSP INDIA:
 INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)
 Indian National Centre for Ocean Information Services (INCOIS)
 Address: "ocean valley", Pragathi Nagar (Bo), Nizampet (So),

Hyderabad - 500 090, India
Phone: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT

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BULLETIN 4

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# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
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TSUNAMI BULLETIN NUMBER 4 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 0500 UTC WEDNESDAY 04 OCTOBER 2023

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

This bulletin applies to areas within and bordering the Indian Ocean.

It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
Campbell Bay (INDIA)	7.00N	93.93E	0428z	04 Oct 2023	6.0m
Sabang (INDONESIA)	5.83N	95.33E	0429z	04 Oct 2023	3.6m
Portblair (INDIA)	11.6N	92.77E	0439z	04 Oct 2023	3.6m
DART 23227 (INDIA)	6.25N	88.88E	0441z	04 Oct 2023	2.6m

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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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.

AUSTRALIA

PILBARA COAST WEST	1037z	04 Oct 2023	0.8m	Threat
GASCOYNE COAST	1441z	04 Oct 2023	0.9m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1446z	04 Oct 2023	1.1m	Threat
PILBARA COAST EAST	1501z	04 Oct 2023	0.9m	Threat
GERALDTON COAST	1517z	04 Oct 2023	1.0m	Threat
BUNBURY GEOGRAPHE COAST	1518z	04 Oct 2023	0.8m	Threat
NINGALOO COAST	1609z	04 Oct 2023	0.6m	Threat
LEEUEWIN COAST	1642z	04 Oct 2023	0.8m	Threat
LANCELIN COAST	2301z	04 Oct 2023	0.6m	Threat
ALBANY COAST	0221z	05 Oct 2023	0.6m	Threat
WEST KIMBERLY COAST	0324z	05 Oct 2023	0.6m	Threat
PERTH COAST	0431z	05 Oct 2023	0.7m	Threat

BANGLADESH

COXS BAZAR	0733z	04	Oct	2023	1.8m	Threat
KUTUBDIA ISLAND	0753z	04	Oct	2023	1.7m	Threat
BARGUNA	0759z	04	Oct	2023	2.0m	Threat
CHALNA	0941z	04	Oct	2023	1.1m	Threat

COMOROS

CHEZANI	1442z	04	Oct	2023	0.7m	Threat
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DJIBOUTI

NW ARTA	1412z	04	Oct	2023	0.7m	Threat
MUHAMMAD ALI BIN FATHA SUMANA	0419z	05	Oct	2023	0.5m	Threat

FRANCE

ILE KERGUELEN	1444z	04	Oct	2023	1.7m	Threat
CROZET PLATEAU	1546z	04	Oct	2023	0.6m	Threat
ILE DE LA POSSESSION	2025z	04	Oct	2023	0.7m	Threat

INDIA

KOMATRA & KATCHAL ISLAND	0402z	04	Oct	2023	9.6m	Threat
INDIRA POINT	0402z	04	Oct	2023	12.5m	Threat
CAR NICOBAR	0404z	04	Oct	2023	6.9m	Threat
LITTLE ANDAMAN	0433z	04	Oct	2023	9.6m	Threat
PORT BLAIR	0446z	04	Oct	2023	7.2m	Threat
NORTH SENTINEL ISLAND	0449z	04	Oct	2023	3.3m	Threat
HAVELOCK	0456z	04	Oct	2023	3.5m	Threat
BARREN ISLAND	0505z	04	Oct	2023	0.7m	Threat
RANGATH BAY	0509z	04	Oct	2023	3.4m	Threat
DIGLIPUR	0515z	04	Oct	2023	2.2m	Threat
FLAT ISLAND	0522z	04	Oct	2023	2.6m	Threat
WEST & LANDFALL ISLAND	0523z	04	Oct	2023	2.1m	Threat
NARCONDAM ISLAND	0552z	04	Oct	2023	0.6m	Threat
MARAKKANAM	0617z	04	Oct	2023	5.5m	Threat
PUDUCHERRY	0619z	04	Oct	2023	7.1m	Threat
CUDDALORE	0620z	04	Oct	2023	4.7m	Threat
POOMBUHAR	0621z	04	Oct	2023	4.2m	Threat
ENNORE	0622z	04	Oct	2023	5.0m	Threat
KAKINADA	0623z	04	Oct	2023	2.9m	Threat
MAHABALIPURAM	0625z	04	Oct	2023	5.4m	Threat
MACHILIPATNAM	0625z	04	Oct	2023	3.0m	Threat
SRIHARIKOTA	0627z	04	Oct	2023	4.2m	Threat
PERUPALEM	0628z	04	Oct	2023	2.1m	Threat
CHENNAI	0629z	04	Oct	2023	5.9m	Threat
NAGAPATTINAM	0630z	04	Oct	2023	4.2m	Threat
KARAIKAL	0632z	04	Oct	2023	3.6m	Threat
NIJAMPATTANAM	0633z	04	Oct	2023	3.1m	Threat
PURI	0638z	04	Oct	2023	2.8m	Threat
MALLIPATTINAM	0638z	04	Oct	2023	3.0m	Threat
MUTHUPET	0638z	04	Oct	2023	3.1m	Threat
KOTTAPATNAM	0639z	04	Oct	2023	3.4m	Threat
VISAKHAPATNAM	0639z	04	Oct	2023	3.0m	Threat
PARADIP	0639z	04	Oct	2023	1.7m	Threat
KALINGAPATNAM	0640z	04	Oct	2023	3.4m	Threat
KONADA	0640z	04	Oct	2023	2.5m	Threat
GOPALPUR	0648z	04	Oct	2023	2.7m	Threat
JAMBOO	0656z	04	Oct	2023	1.8m	Threat
RAMESWARAM	0700z	04	Oct	2023	1.6m	Threat
TUTICORIN	0702z	04	Oct	2023	2.1m	Threat
KOTTTAIPPATTANAM	0703z	04	Oct	2023	1.5m	Threat
KOODANKULAM	0718z	04	Oct	2023	1.6m	Threat
KANYAKUMARI	0726z	04	Oct	2023	2.8m	Threat
HEMNAGAR	0729z	04	Oct	2023	1.2m	Threat
QUILON	0731z	04	Oct	2023	1.0m	Threat

DHAMRA	0734z	04	Oct	2023	1.7m	Threat
NAMKHANA	0736z	04	Oct	2023	1.3m	Threat
TRIVANDRUM	0737z	04	Oct	2023	1.8m	Threat
DIGHA	0742z	04	Oct	2023	2.0m	Threat
ALLEPPEY ALAPPUZHA	0746z	04	Oct	2023	1.4m	Threat
CHANDIPUR	0749z	04	Oct	2023	1.6m	Threat
KAVARATTI	0823z	04	Oct	2023	0.5m	Threat
AGATTI	0844z	04	Oct	2023	0.7m	Threat
VADANAPPALLY	1040z	04	Oct	2023	1.0m	Threat
COCHIN	1043z	04	Oct	2023	1.3m	Threat
MALVAN BAY	1051z	04	Oct	2023	0.7m	Threat
KARWAR	1052z	04	Oct	2023	1.1m	Threat
UDUPI	1102z	04	Oct	2023	0.9m	Threat
BEYPORE	1110z	04	Oct	2023	1.0m	Threat
KANNUR	1115z	04	Oct	2023	1.0m	Threat
MAHE	1121z	04	Oct	2023	0.9m	Threat
JAIGARH	1245z	04	Oct	2023	0.7m	Threat
KASARAGOD	1300z	04	Oct	2023	1.2m	Threat
VAKKAD	1318z	04	Oct	2023	1.0m	Threat
VASCO	1332z	04	Oct	2023	0.7m	Threat
PANAJI	1457z	04	Oct	2023	0.8m	Threat
MANGALORE	1851z	04	Oct	2023	0.9m	Threat
TARAPUR	2246z	04	Oct	2023	0.5m	Threat
HAZIRA, DIU	0003z	05	Oct	2023	0.6m	Threat
BHARUCH	0029z	05	Oct	2023	0.6m	Threat
HAZIRA	0032z	05	Oct	2023	0.6m	Threat
ALIBAG PORT	0227z	05	Oct	2023	0.5m	Threat
KHAMBAT	0325z	05	Oct	2023	0.6m	Threat
DWARKA	0333z	05	Oct	2023	0.6m	Threat

INDONESIA

NAD ACEH-JAYA	0420z	04	Oct	2023	6.1m	Threat
NAD ACEH-BESAR P.BREUEH	0421z	04	Oct	2023	7.6m	Threat
NAD KOTA-BANDA-ACEH	0423z	04	Oct	2023	9.4m	Threat
NAD ACEH-BESAR B	0423z	04	Oct	2023	10.1m	Threat
NAD KOTA-SABANG P.WEH	0427z	04	Oct	2023	3.9m	Threat
NAD ACEH-BESAR P.PENASI	0429z	04	Oct	2023	5.9m	Threat
NAD ACEH-BARAT	0438z	04	Oct	2023	3.0m	Threat
NAD SIMEULUE P.SIMEULUE	0441z	04	Oct	2023	3.4m	Threat
NAD ACEH-BESAR U	0441z	04	Oct	2023	2.0m	Threat
NAD PIDIE	0445z	04	Oct	2023	1.8m	Threat
NAD NAGAN-RAYA	0449z	04	Oct	2023	4.1m	Threat
NAD BIREUEN	0456z	04	Oct	2023	1.9m	Threat
SUMUT NIAS B	0457z	04	Oct	2023	2.1m	Threat
GUNUNGSITOLI	0457z	04	Oct	2023	2.0m	Threat
NAD ACEH-BARAT-DAYA	0500z	04	Oct	2023	3.2m	Threat
NAD ACEH-SELATAN U	0500z	04	Oct	2023	2.3m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500z	04	Oct	2023	2.1m	Threat
NAD ACEH-UTARA B	0504z	04	Oct	2023	1.7m	Threat
NAD KOTA-LHOKSEUMAWA	0505z	04	Oct	2023	1.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	0506z	04	Oct	2023	1.6m	Threat
NAD ACEH-SELATAN S	0513z	04	Oct	2023	2.5m	Threat
SUMUT NIAS-SELATAN P.TANABALA	0514z	04	Oct	2023	1.4m	Threat
NAD ACEH-UTARA T	0515z	04	Oct	2023	2.9m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0519z	04	Oct	2023	1.4m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0523z	04	Oct	2023	1.5m	Threat
NAD ACEH-TIMUR	0534z	04	Oct	2023	2.7m	Threat
NAD ACEH-SINGKIL	0603z	04	Oct	2023	1.6m	Threat
SUMUT TAPANULI-TENGAH U	0626z	04	Oct	2023	2.1m	Threat
MUARASIBERUT	0627z	04	Oct	2023	2.6m	Threat
NAD KOTA-LANGSA	0637z	04	Oct	2023	2.3m	Threat
SUMUT TAPANULI-SELATAN	0642z	04	Oct	2023	1.2m	Threat
NAD ACEH-TAMIANG	0658z	04	Oct	2023	1.3m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0659z	04	Oct	2023	3.2m	Threat
NIAS	0738z	04	Oct	2023	1.5m	Threat
SUMUT LANGKAT	0741z	04	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0748z	04	Oct	2023	1.5m	Threat

NIAS-EAST	0805z	04	Oct	2023	1.4m	Threat
BELAWAN	0806z	04	Oct	2023	1.4m	Threat
SUMUT DELISERDANG	0814z	04	Oct	2023	1.7m	Threat
SUMUT SERDANG-BEDAGAI	0819z	04	Oct	2023	1.6m	Threat
SUMUT ASAHAN	0836z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0908z	04	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	0934z	04	Oct	2023	1.6m	Threat
JATENG CILACAP	1000z	04	Oct	2023	0.7m	Threat
BANTEN KOTA-CILEGON	1011z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1012z	04	Oct	2023	0.7m	Threat
BANTEN SERANG B	1012z	04	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	1016z	04	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	1017z	04	Oct	2023	0.6m	Threat
NIAS-NORTH	1046z	04	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL U	1047z	04	Oct	2023	1.4m	Threat
SUMUT MANDAILING-NATAL S	1051z	04	Oct	2023	0.9m	Threat
SOUTH OF BODAHAYIONE	1102z	04	Oct	2023	1.2m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1107z	04	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	1107z	04	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	1115z	04	Oct	2023	1.2m	Threat
LABUHAN BATU	1147z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS B	1147z	04	Oct	2023	0.8m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1154z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	1217z	04	Oct	2023	0.9m	Threat
ROKAN HILIR	1237z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1238z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1311z	04	Oct	2023	0.9m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1328z	04	Oct	2023	1.0m	Threat
SUMBAR AGAM	1332z	04	Oct	2023	1.2m	Threat
BENGKULU KAUR	1336z	04	Oct	2023	0.9m	Threat
BENGKULU SELUMA	1342z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1345z	04	Oct	2023	0.7m	Threat
JABAR CIANJUR SINDANGBARANG	1348z	04	Oct	2023	0.8m	Threat
DUMAI	1350z	04	Oct	2023	0.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	1351z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG P.PANAITAN	1351z	04	Oct	2023	1.3m	Threat
JABAR TASIKMALAYA	1354z	04	Oct	2023	1.0m	Threat
BENGKULU MUKOMUKO	1358z	04	Oct	2023	1.0m	Threat
JABAR GARUT	1409z	04	Oct	2023	0.8m	Threat
DIY BANTUL	1442z	04	Oct	2023	0.7m	Threat
DIY GUNUNG-KIDUL	1443z	04	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	1445z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG S	1454z	04	Oct	2023	0.8m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1520z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1525z	04	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	1527z	04	Oct	2023	0.8m	Threat
LAMPUNG TANGGAMUS P.TABUAN	1540z	04	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN S	1646z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	1708z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG S	1709z	04	Oct	2023	0.8m	Threat
SUMBAR PESISIR-SELATAN U	1711z	04	Oct	2023	0.7m	Threat
MURASAI BI	1723z	04	Oct	2023	0.7m	Threat
NTB SUMBAWA S	1800z	04	Oct	2023	0.6m	Threat
MUARASIGEP	1833z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN U	1835z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN S	1859z	04	Oct	2023	0.7m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1905z	04	Oct	2023	0.6m	Threat
JATENG KEBUMEN	1915z	04	Oct	2023	0.6m	Threat
SUMBAR KOTA-PARIAMAN	1926z	04	Oct	2023	0.7m	Threat
JATIM BLITAR	1949z	04	Oct	2023	0.5m	Threat
BALI DENPASAR PANTAI-SANUR	2022z	04	Oct	2023	0.7m	Threat
NTB LOMBOK-TIMUR S	2133z	04	Oct	2023	0.6m	Threat
NTB LOMBOK-TENGAH	2203z	04	Oct	2023	0.8m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	2205z	04	Oct	2023	0.7m	Threat
JATIM PACITAN	2305z	04	Oct	2023	0.7m	Threat
NTB KOTA-BIMA S	2316z	04	Oct	2023	0.5m	Threat
DIY KULON-PROGO	2337z	04	Oct	2023	0.6m	Threat
JATIM TRENGGALEK	2347z	04	Oct	2023	0.6m	Threat

JATIM JEMBER P.NUSABARUNG	2352z	04	Oct	2023	0.6m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0001z	05	Oct	2023	0.5m	Threat
JATENG WONOGIRI	0002z	05	Oct	2023	0.8m	Threat
JABAR CIAMIS	0021z	05	Oct	2023	0.7m	Threat
BALI TABANAN	0027z	05	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0051z	05	Oct	2023	0.6m	Threat
JATIM JEMBER	0214z	05	Oct	2023	0.6m	Threat
BANTEN LEBAK	0306z	05	Oct	2023	0.7m	Threat
JATIM MALANG	0309z	05	Oct	2023	0.5m	Threat
BALI BADUNG PANTAI-KUTA	0345z	05	Oct	2023	0.6m	Threat

IRAN

PUSHT	1617z	04	Oct	2023	0.7m	Threat
MISKI	0355z	05	Oct	2023	0.6m	Threat

KENYA

KIWAYU	1224z	04	Oct	2023	1.3m	Threat
KIPINI	1246z	04	Oct	2023	1.4m	Threat
KISIMACHANDE	1248z	04	Oct	2023	1.1m	Threat
MALINDI	1251z	04	Oct	2023	1.5m	Threat
MVULENI	1541z	04	Oct	2023	0.9m	Threat

MADAGASCAR

VOHEMAR	1157z	04	Oct	2023	1.1m	Threat
TOAMASINA AIRPORT	1227z	04	Oct	2023	1.1m	Threat
AMBAHY	1233z	04	Oct	2023	1.0m	Threat
TAMPOLO	1236z	04	Oct	2023	1.1m	Threat
MANANTENINA	1251z	04	Oct	2023	1.0m	Threat
FARAFAGANA	1448z	04	Oct	2023	0.5m	Threat
GLORIOSO ISLANDS	1511z	04	Oct	2023	0.9m	Threat
SAMPONA	1624z	04	Oct	2023	0.9m	Threat
ANOROTSANGANA	1805z	04	Oct	2023	0.7m	Threat
BALY	2054z	04	Oct	2023	0.7m	Threat
AMBANJA	0414z	05	Oct	2023	0.6m	Threat

MALAYSIA

SATUN	0721z	04	Oct	2023	1.1m	Threat
YAN	0727z	04	Oct	2023	1.3m	Threat
WEST OF ALOR SETAR	0741z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI UTARA & BARAT DAYA	0756z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI SELATAN	0758z	04	Oct	2023	1.3m	Threat
KUALA MUDA	0804z	04	Oct	2023	1.3m	Threat
KERIAN	0818z	04	Oct	2023	1.3m	Threat
LARUT AND MATANG	0828z	04	Oct	2023	1.4m	Threat
MANJUNG	0842z	04	Oct	2023	1.5m	Threat
HILIR PERAK	1107z	04	Oct	2023	1.1m	Threat
SABAK BERNAM	1139z	04	Oct	2023	1.0m	Threat
KUALA SELANGOR	1155z	04	Oct	2023	1.1m	Threat
KUALA LANGAT	1225z	04	Oct	2023	0.9m	Threat
PORT DICKSON	1750z	04	Oct	2023	0.7m	Threat
SEPANG	2255z	04	Oct	2023	0.6m	Threat

MALDIVES

MALE	0711z	04	Oct	2023	4.3m	Threat
KOLHUFUSHI	0713z	04	Oct	2023	3.6m	Threat
DHIYAMIGILI	0714z	04	Oct	2023	6.6m	Threat
KULHUDUFFUSHI	0717z	04	Oct	2023	4.2m	Threat
THINADHOO	0719z	04	Oct	2023	3.1m	Threat
HITHADHOO	0720z	04	Oct	2023	1.9m	Threat
GOIDHOO	0726z	04	Oct	2023	2.3m	Threat
FERIDHOO	0732z	04	Oct	2023	2.0m	Threat
NILANDHOO	0734z	04	Oct	2023	2.8m	Threat

MAURITIUS

LA FERME	1013z	04	Oct	2023	1.6m	Threat
CARGADOS CARAJOS	1106z	04	Oct	2023	1.1m	Threat
GRANDE REVIERE SUD EST-EAST	1212z	04	Oct	2023	0.7m	Threat

MOZAMBIQUE

MAGANJA	1319z	04	Oct	2023	1.3m	Threat
MERONVI	1424z	04	Oct	2023	1.3m	Threat
LUMBO	1539z	04	Oct	2023	1.0m	Threat
MOGINCUAL	1646z	04	Oct	2023	0.8m	Threat
TAVARI	1700z	04	Oct	2023	0.8m	Threat
QUITERAJO	1720z	04	Oct	2023	1.0m	Threat
MAGUEMBA	1742z	04	Oct	2023	0.8m	Threat
NANGATA	1903z	04	Oct	2023	0.7m	Threat
PEMBA	1913z	04	Oct	2023	0.8m	Threat
MOEBASE	0140z	05	Oct	2023	0.5m	Threat

MYANMAR

GREAT WESTERN TORRES ISLAND	0534z	04	Oct	2023	2.3m	Threat
LORD LOUGHBOROUGH ISLAND	0534z	04	Oct	2023	2.2m	Threat
THAN KYUN	0538z	04	Oct	2023	2.3m	Threat
LITTLE COCO ISLAND	0540z	04	Oct	2023	1.6m	Threat
PREPARIS ISLAND	0548z	04	Oct	2023	1.0m	Threat
CHEDUBA ISLAND	0632z	04	Oct	2023	1.9m	Threat
SITTWE	0659z	04	Oct	2023	1.5m	Threat
MALI KYUN	0701z	04	Oct	2023	1.7m	Threat
MAGYIGYAING	0702z	04	Oct	2023	1.7m	Threat
THAWINCHAUNG	0705z	04	Oct	2023	1.3m	Threat
KYAUKPYU	0706z	04	Oct	2023	1.9m	Threat
PHARPON	0708z	04	Oct	2023	1.7m	Threat
YE	0739z	04	Oct	2023	1.4m	Threat
YANGON-S	0742z	04	Oct	2023	1.1m	Threat
KYWEGYAUNG	0843z	04	Oct	2023	2.0m	Threat
MAWYEN	0854z	04	Oct	2023	1.9m	Threat

OMAN

MIRBAT	1232z	04	Oct	2023	0.6m	Threat
SALALAH	1238z	04	Oct	2023	1.1m	Threat
TAQAH	1259z	04	Oct	2023	0.9m	Threat
HASIK	1328z	04	Oct	2023	0.8m	Threat
AD DUQM	1551z	04	Oct	2023	0.8m	Threat
AL ASHKHARAH	1609z	04	Oct	2023	0.7m	Threat
RAS AR RUWAYS	1616z	04	Oct	2023	0.8m	Threat
EAST MUSANDAM	0329z	05	Oct	2023	0.6m	Threat
MASIRAH	0432z	05	Oct	2023	0.6m	Threat
SUR	0434z	05	Oct	2023	0.6m	Threat
MUSCAT	0454z	05	Oct	2023	0.5m	Threat

PAKISTAN

WINDER	1950z	04	Oct	2023	0.7m	Threat
ORMARA	2137z	04	Oct	2023	0.7m	Threat
SINDH	0420z	05	Oct	2023	0.7m	Threat

SEYCHELLES

FREGATE ISLAND	1025z	04	Oct	2023	1.3m	Threat
TAKAMAKA	1142z	04	Oct	2023	1.0m	Threat

SOMALIA

BANDER-BEYLA	1111z	04	Oct	2023	2.2m	Threat
TOOXIN	1118z	04	Oct	2023	2.0m	Threat
EYL	1119z	04	Oct	2023	1.8m	Threat

GALDOGOB	1121z	04	Oct	2023	2.0m	Threat
JARIIBAN	1122z	04	Oct	2023	1.6m	Threat
MAREEG	1131z	04	Oct	2023	1.9m	Threat
ITALA	1132z	04	Oct	2023	1.3m	Threat
CEEL DHEER	1132z	04	Oct	2023	2.1m	Threat
XARARDHEERE	1133z	04	Oct	2023	2.5m	Threat
UARSCIECH	1135z	04	Oct	2023	1.4m	Threat
MUQDISHO	1141z	04	Oct	2023	1.4m	Threat
ABO	1151z	04	Oct	2023	1.2m	Threat
BARAAWE	1156z	04	Oct	2023	1.0m	Threat
JILIB	1200z	04	Oct	2023	1.1m	Threat
NE BEERNAASI	1208z	04	Oct	2023	1.5m	Threat
KAAMBOONI	1215z	04	Oct	2023	1.0m	Threat
QANDALA	2357z	04	Oct	2023	0.5m	Threat

SOUTH AFRICA

MOSSEL	2205z	04	Oct	2023	0.7m	Threat
PORT ELIZABETH	2302z	04	Oct	2023	0.6m	Threat
GEORGE	0021z	05	Oct	2023	0.6m	Threat
HANKEY	0214z	05	Oct	2023	0.5m	Threat
KAYSERS BEACH	0324z	05	Oct	2023	0.6m	Threat
ALEXANDRIA	0406z	05	Oct	2023	0.5m	Threat
PORT DURNFORD	0410z	05	Oct	2023	0.6m	Threat
MANDI	0444z	05	Oct	2023	0.5m	Threat

SRI LANKA

AKKARAI PATTU	0547z	04	Oct	2023	3.5m	Threat
OKANDA	0548z	04	Oct	2023	1.8m	Threat
BATTICALOA	0548z	04	Oct	2023	5.3m	Threat
KIRINDA	0551z	04	Oct	2023	6.0m	Threat
POTTUVIL	0551z	04	Oct	2023	4.2m	Threat
ANATIVU	0551z	04	Oct	2023	3.1m	Threat
PANKULAM	0555z	04	Oct	2023	4.3m	Threat
KATTANKUDI	0556z	04	Oct	2023	6.0m	Threat
MULLAITTIVU	0603z	04	Oct	2023	4.6m	Threat
MATARA	0603z	04	Oct	2023	2.7m	Threat
TANGALLE	0605z	04	Oct	2023	2.2m	Threat
HAMBANTOTA	0608z	04	Oct	2023	5.2m	Threat
GALLE	0613z	04	Oct	2023	3.1m	Threat
AMBALANGODA	0616z	04	Oct	2023	1.9m	Threat
CHUNDIKKULAM	0619z	04	Oct	2023	3.6m	Threat
BERUWALA	0621z	04	Oct	2023	1.6m	Threat
MORATUWA	0627z	04	Oct	2023	1.8m	Threat
CHAVAKACHCHERI	0630z	04	Oct	2023	3.6m	Threat
COLOMBO	0634z	04	Oct	2023	3.0m	Threat
POINT PEDRO	0635z	04	Oct	2023	3.2m	Threat
NEGOMBO	0636z	04	Oct	2023	1.4m	Threat
MUNDAL LAKE	0644z	04	Oct	2023	1.4m	Threat
MANNAR ISLAND	0652z	04	Oct	2023	1.6m	Threat
MUSALI	0708z	04	Oct	2023	1.3m	Threat

TANZANIA

MADANGWA	1259z	04	Oct	2023	0.9m	Threat
VUMBA	1303z	04	Oct	2023	1.0m	Threat
JIMBO	1314z	04	Oct	2023	0.9m	Threat
KUTANI	1320z	04	Oct	2023	0.8m	Threat
SONGO SONGO ISLAND	1321z	04	Oct	2023	1.0m	Threat
VUMBI	1323z	04	Oct	2023	0.6m	Threat
ZANZIBAR	1333z	04	Oct	2023	0.8m	Threat
MSASANI	1353z	04	Oct	2023	0.9m	Threat
RUVU	1419z	04	Oct	2023	1.1m	Threat
BAGAMOYO	1521z	04	Oct	2023	0.8m	Threat
WEST TO KONDE	1525z	04	Oct	2023	0.8m	Threat
BOMALANDNI	2057z	04	Oct	2023	0.6m	Threat

THAILAND

THAI MUEANG	0528z	04	Oct	2023	3.4m	Threat
KO RACHA NOI	0535z	04	Oct	2023	3.0m	Threat
KOH SURIN TAI	0539z	04	Oct	2023	2.7m	Threat
THAI MUEANG_TAKUA PA	0609z	04	Oct	2023	2.9m	Threat
KOH LANTA YAI	0612z	04	Oct	2023	2.4m	Threat
KOH ROK	0617z	04	Oct	2023	1.9m	Threat
MUEANG SATUN	0623z	04	Oct	2023	1.6m	Threat
KOH TARUTAO	0711z	04	Oct	2023	2.3m	Threat

UNITED ARAB EMIRATES

KALBA	0326z	05	Oct	2023	0.7m	Threat
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UNITED KINGDOM

MORESBY ISLAND	0736z	04	Oct	2023	4.2m	Threat
DIEGO GARCIA	0743z	04	Oct	2023	1.5m	Threat
NW EGMONT ISLAND	0810z	04	Oct	2023	0.7m	Threat

YEMEN

DAMQAWT	1126z	04	Oct	2023	1.0m	Threat
AL GHAYDAH AIRPORT	1139z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND SOUTH	1147z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND NORTH	1247z	04	Oct	2023	1.0m	Threat
MASILAH WADI	1325z	04	Oct	2023	0.7m	Threat
HUSWAYN	1330z	04	Oct	2023	1.8m	Threat
HAMI	1333z	04	Oct	2023	0.8m	Threat
AL MUKALLA	1359z	04	Oct	2023	1.1m	Threat
KHANFAR	1447z	04	Oct	2023	0.9m	Threat
ALQUMRAH	1508z	04	Oct	2023	1.0m	Threat
HARRAH	1917z	04	Oct	2023	0.7m	Threat
EAST TO HAMI	2116z	04	Oct	2023	0.7m	Threat
MAALLAH	2301z	04	Oct	2023	1.0m	Threat
SOCOTRA ISLAND WEST	2349z	04	Oct	2023	0.7m	Threat

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.

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 IOTWMS-TSP INDIA for this event as more information becomes available.

OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:
IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>
IOTWMS-TSP INDONESIA: <http://inatews.bmkg.gov.id>

6. CONTACT INFORMATION

IOTWMS-TSP INDIA:
INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)

Indian National Centre for Ocean Information Services (INCOIS)
Address:"ocean valley", Pragathi Nagar (Bo), Nizampet (So),
Hyderabad - 500 090, India
Phone: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT

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BULLETIN 5

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# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
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TSUNAMI BULLETIN NUMBER 5 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 0600 UTC WEDNESDAY 04 OCTOBER 2023

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

This bulletin applies to areas within and bordering the Indian Ocean.
It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

2. EVALUATION

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

LOCATION	LAT	LON	TIME	DATE	AMPL
Campbell Bay (INDIA)	7.00N	93.93E	0428z	04 Oct 2023	6.0m
Sabang (INDONESIA)	5.83N	95.33E	0429z	04 Oct 2023	3.6m
Portblair (INDIA)	11.6N	92.77E	0439z	04 Oct 2023	3.6m
DART 23227 (INDIA)	6.25N	88.88E	0441z	04 Oct 2023	2.6m
Nancowry (INDIA)	8.05N	93.55E	0508z	04 Oct 2023	8.4m
Meulaboh (INDONESIA)	4.13N	96.13E	0514z	04 Oct 2023	9.1m
Trinconmalee (SRILANKA)	8.56N	81.20E	0557z	04 Oct 2023	4.8m

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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.

AUSTRALIA

PILBARA COAST WEST 1037z 04 Oct 2023 0.8m Threat
GASCOYNE COAST 1441z 04 Oct 2023 0.9m Threat
HEARD ISLAND AND MCDONALD ISLANDS 1446z 04 Oct 2023 1.1m Threat
PILBARA COAST EAST 1501z 04 Oct 2023 0.9m Threat
GERALDTON COAST 1517z 04 Oct 2023 1.0m Threat
BUNBURY GEOGRAPHE COAST 1518z 04 Oct 2023 0.8m Threat
NINGALOO COAST 1609z 04 Oct 2023 0.6m Threat
LEEUVIN COAST 1642z 04 Oct 2023 0.8m Threat
LANCELIN COAST 2301z 04 Oct 2023 0.6m Threat

ALBANY COAST	0221z	05	Oct	2023	0.6m	Threat
WEST KIMBERLY COAST	0324z	05	Oct	2023	0.6m	Threat
PERTH COAST	0431z	05	Oct	2023	0.7m	Threat
BANGLADESH						

COXS BAZAR	0733z	04	Oct	2023	1.8m	Threat
KUTUBDIA ISLAND	0753z	04	Oct	2023	1.7m	Threat
BARGUNA	0759z	04	Oct	2023	2.0m	Threat
CHALNA	0941z	04	Oct	2023	1.1m	Threat
COMOROS						

CHEZANI	1442z	04	Oct	2023	0.7m	Threat
DJIBOUTI						

NW ARTA	1412z	04	Oct	2023	0.7m	Threat
MUHAMMAD ALI BIN FATHA SUMANA	0419z	05	Oct	2023	0.5m	Threat
FRANCE						

ILE KERGUELEN	1444z	04	Oct	2023	1.7m	Threat
CROZET PLATEAU	1546z	04	Oct	2023	0.6m	Threat
ILE DE LA POSSESSION	2025z	04	Oct	2023	0.7m	Threat
INDIA						

KOMATRA & KATCHAL ISLAND	0402z	04	Oct	2023	9.6m	Threat
INDIRA POINT	0402z	04	Oct	2023	12.5m	Threat
CAR NICOBAR	0404z	04	Oct	2023	6.9m	Threat
LITTLE ANDAMAN	0433z	04	Oct	2023	9.6m	Threat
PORT BLAIR	0446z	04	Oct	2023	7.2m	Threat
NORTH SENTINEL ISLAND	0449z	04	Oct	2023	3.3m	Threat
HAVELOCK	0456z	04	Oct	2023	3.5m	Threat
BARREN ISLAND	0505z	04	Oct	2023	0.7m	Threat
RANGATH BAY	0509z	04	Oct	2023	3.4m	Threat
DIGLIPUR	0515z	04	Oct	2023	2.2m	Threat
FLAT ISLAND	0522z	04	Oct	2023	2.6m	Threat
WEST & LANDFALL ISLAND	0523z	04	Oct	2023	2.1m	Threat
NARCONDAM ISLAND	0552z	04	Oct	2023	0.6m	Threat
MARAKKANAM	0617z	04	Oct	2023	5.5m	Threat
PUDUCHERRY	0619z	04	Oct	2023	7.1m	Threat
CUDDALORE	0620z	04	Oct	2023	4.7m	Threat
POOMBUHAR	0621z	04	Oct	2023	4.2m	Threat
ENNORE	0622z	04	Oct	2023	5.0m	Threat
KAKINADA	0623z	04	Oct	2023	2.9m	Threat
MAHABALIPURAM	0625z	04	Oct	2023	5.4m	Threat
MACHILIPATNAM	0625z	04	Oct	2023	3.0m	Threat
SRIHARIKOTA	0627z	04	Oct	2023	4.2m	Threat
PERUPALEM	0628z	04	Oct	2023	2.1m	Threat
CHENNAI	0629z	04	Oct	2023	5.9m	Threat
NAGAPATTINAM	0630z	04	Oct	2023	4.2m	Threat
KARAIKAL	0632z	04	Oct	2023	3.6m	Threat
NIJAMPATTANAM	0633z	04	Oct	2023	3.1m	Threat
PURI	0638z	04	Oct	2023	2.8m	Threat
MALLIPATTINAM	0638z	04	Oct	2023	3.0m	Threat
MUTHUPET	0638z	04	Oct	2023	3.1m	Threat
KOTTAPATNAM	0639z	04	Oct	2023	3.4m	Threat
VISAKHAPATNAM	0639z	04	Oct	2023	3.0m	Threat
PARADIP	0639z	04	Oct	2023	1.7m	Threat
KALINGAPATNAM	0640z	04	Oct	2023	3.4m	Threat
KONADA	0640z	04	Oct	2023	2.5m	Threat
GOPALPUR	0648z	04	Oct	2023	2.7m	Threat
JAMBOO	0656z	04	Oct	2023	1.8m	Threat
RAMESWARAM	0700z	04	Oct	2023	1.6m	Threat
TUTICORIN	0702z	04	Oct	2023	2.1m	Threat
KOTTTAIPPATTANAM	0703z	04	Oct	2023	1.5m	Threat

KOODANKULAM	0718z	04	Oct	2023	1.6m	Threat
KANYAKUMARI	0726z	04	Oct	2023	2.8m	Threat
HEMNAGAR	0729z	04	Oct	2023	1.2m	Threat
QUILON	0731z	04	Oct	2023	1.0m	Threat
DHAMRA	0734z	04	Oct	2023	1.7m	Threat
NAMKHANA	0736z	04	Oct	2023	1.3m	Threat
TRIVANDRUM	0737z	04	Oct	2023	1.8m	Threat
DIGHA	0742z	04	Oct	2023	2.0m	Threat
ALLEPPEY ALAPPUZHA	0746z	04	Oct	2023	1.4m	Threat
CHANDIPUR	0749z	04	Oct	2023	1.6m	Threat
KAVARATTI	0823z	04	Oct	2023	0.5m	Threat
AGATTI	0844z	04	Oct	2023	0.7m	Threat
VADANAPPALLY	1040z	04	Oct	2023	1.0m	Threat
COCHIN	1043z	04	Oct	2023	1.3m	Threat
MALVAN BAY	1051z	04	Oct	2023	0.7m	Threat
KARWAR	1052z	04	Oct	2023	1.1m	Threat
UDUPI	1102z	04	Oct	2023	0.9m	Threat
BEYPORE	1110z	04	Oct	2023	1.0m	Threat
KANNUR	1115z	04	Oct	2023	1.0m	Threat
MAHE	1121z	04	Oct	2023	0.9m	Threat
JAIGARH	1245z	04	Oct	2023	0.7m	Threat
KASARAGOD	1300z	04	Oct	2023	1.2m	Threat
VAKKAD	1318z	04	Oct	2023	1.0m	Threat
VASCO	1332z	04	Oct	2023	0.7m	Threat
PANAJI	1457z	04	Oct	2023	0.8m	Threat
MANGALORE	1851z	04	Oct	2023	0.9m	Threat
TARAPUR	2246z	04	Oct	2023	0.5m	Threat
HAZIRA, DIU	0003z	05	Oct	2023	0.6m	Threat
BHARUCH	0029z	05	Oct	2023	0.6m	Threat
HAZIRA	0032z	05	Oct	2023	0.6m	Threat
ALIBAG PORT	0227z	05	Oct	2023	0.5m	Threat
KHAMBAT	0325z	05	Oct	2023	0.6m	Threat
DWARKA	0333z	05	Oct	2023	0.6m	Threat

INDONESIA

NAD ACEH-JAYA	0420z	04	Oct	2023	6.1m	Threat
NAD ACEH-BESAR P.BREUEH	0421z	04	Oct	2023	7.6m	Threat
NAD KOTA-BANDA-ACEH	0423z	04	Oct	2023	9.4m	Threat
NAD ACEH-BESAR B	0423z	04	Oct	2023	10.1m	Threat
NAD KOTA-SABANG P.WEH	0427z	04	Oct	2023	3.9m	Threat
NAD ACEH-BESAR P.PENASI	0429z	04	Oct	2023	5.9m	Threat
NAD ACEH-BARAT	0438z	04	Oct	2023	3.0m	Threat
NAD SIMEULUE P.SIMEULUE	0441z	04	Oct	2023	3.4m	Threat
NAD ACEH-BESAR U	0441z	04	Oct	2023	2.0m	Threat
NAD PIDIE	0445z	04	Oct	2023	1.8m	Threat
NAD NAGAN-RAYA	0449z	04	Oct	2023	4.1m	Threat
NAD BIREUEN	0456z	04	Oct	2023	1.9m	Threat
SUMUT NIAS B	0457z	04	Oct	2023	2.1m	Threat
GUNUNGSITOLI	0457z	04	Oct	2023	2.0m	Threat
NAD ACEH-BARAT-DAYA	0500z	04	Oct	2023	3.2m	Threat
NAD ACEH-SELATAN U	0500z	04	Oct	2023	2.3m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500z	04	Oct	2023	2.1m	Threat
NAD ACEH-UTARA B	0504z	04	Oct	2023	1.7m	Threat
NAD KOTA-LHOKSEUMAWA	0505z	04	Oct	2023	1.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	0506z	04	Oct	2023	1.6m	Threat
NAD ACEH-SELATAN S	0513z	04	Oct	2023	2.5m	Threat
SUMUT NIAS-SELATAN P.TANABALA	0514z	04	Oct	2023	1.4m	Threat
NAD ACEH-UTARA T	0515z	04	Oct	2023	2.9m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0519z	04	Oct	2023	1.4m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0523z	04	Oct	2023	1.5m	Threat
NAD ACEH-TIMUR	0534z	04	Oct	2023	2.7m	Threat
NAD ACEH-SINGKIL	0603z	04	Oct	2023	1.6m	Threat
SUMUT TAPANULI-TENGAH U	0626z	04	Oct	2023	2.1m	Threat
MUARASIBERUT	0627z	04	Oct	2023	2.6m	Threat
NAD KOTA-LANGSA	0637z	04	Oct	2023	2.3m	Threat
SUMUT TAPANULI-SELATAN	0642z	04	Oct	2023	1.2m	Threat
NAD ACEH-TAMIANG	0658z	04	Oct	2023	1.3m	Threat

SUMUT TAPANULI-TENGAH KEP.MURSALA	0659z	04	Oct	2023	3.2m	Threat
NIAS	0738z	04	Oct	2023	1.5m	Threat
SUMUT LANGKAT	0741z	04	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0748z	04	Oct	2023	1.5m	Threat
NIAS-EAST	0805z	04	Oct	2023	1.4m	Threat
BELAWAN	0806z	04	Oct	2023	1.4m	Threat
SUMUT DELISERDANG	0814z	04	Oct	2023	1.7m	Threat
SUMUT SERDANG-BEDAGAI	0819z	04	Oct	2023	1.6m	Threat
SUMUT ASAHAN	0836z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0908z	04	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	0934z	04	Oct	2023	1.6m	Threat
JATENG CILACAP	1000z	04	Oct	2023	0.7m	Threat
BANTEN KOTA-CILEGON	1011z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1012z	04	Oct	2023	0.7m	Threat
BANTEN SERANG B	1012z	04	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	1016z	04	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	1017z	04	Oct	2023	0.6m	Threat
NIAS-NORTH	1046z	04	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL U	1047z	04	Oct	2023	1.4m	Threat
SUMUT MANDAILING-NATAL S	1051z	04	Oct	2023	0.9m	Threat
SOUTH OF BODAHAYIONE	1102z	04	Oct	2023	1.2m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1107z	04	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	1107z	04	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	1115z	04	Oct	2023	1.2m	Threat
LABUHAN BATU	1147z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS B	1147z	04	Oct	2023	0.8m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1154z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	1217z	04	Oct	2023	0.9m	Threat
ROKAN HILIR	1237z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1238z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1311z	04	Oct	2023	0.9m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1328z	04	Oct	2023	1.0m	Threat
SUMBAR AGAM	1332z	04	Oct	2023	1.2m	Threat
BENGKULU KAUR	1336z	04	Oct	2023	0.9m	Threat
BENGKULU SELUMA	1342z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1345z	04	Oct	2023	0.7m	Threat
JABAR CIANJUR SINDANGBARANG	1348z	04	Oct	2023	0.8m	Threat
DUMAI	1350z	04	Oct	2023	0.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	1351z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG P.PANAITAN	1351z	04	Oct	2023	1.3m	Threat
JABAR TASIKMALAYA	1354z	04	Oct	2023	1.0m	Threat
BENGKULU MUKOMUKO	1358z	04	Oct	2023	1.0m	Threat
JABAR GARUT	1409z	04	Oct	2023	0.8m	Threat
DIY BANTUL	1442z	04	Oct	2023	0.7m	Threat
DIY GUNUNG-KIDUL	1443z	04	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	1445z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG S	1454z	04	Oct	2023	0.8m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1520z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1525z	04	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	1527z	04	Oct	2023	0.8m	Threat
LAMPUNG TANGGAMUS P.TABUAN	1540z	04	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN S	1646z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	1708z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG S	1709z	04	Oct	2023	0.8m	Threat
SUMBAR PESISIR-SELATAN U	1711z	04	Oct	2023	0.7m	Threat
MURASAIBI	1723z	04	Oct	2023	0.7m	Threat
NTB SUMBAWA S	1800z	04	Oct	2023	0.6m	Threat
MUARASIGEP	1833z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN U	1835z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN S	1859z	04	Oct	2023	0.7m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1905z	04	Oct	2023	0.6m	Threat
JATENG KEBUMEN	1915z	04	Oct	2023	0.6m	Threat
SUMBAR KOTA-PARIAMAN	1926z	04	Oct	2023	0.7m	Threat
JATIM BLITAR	1949z	04	Oct	2023	0.5m	Threat
BALI DENPASAR PANTAI-SANUR	2022z	04	Oct	2023	0.7m	Threat
NTB LOMBOK-TIMUR S	2133z	04	Oct	2023	0.6m	Threat
NTB LOMBOK-TENGAH	2203z	04	Oct	2023	0.8m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	2205z	04	Oct	2023	0.7m	Threat

IOC Technical Series, 181 (I) Supplement 1
page 162

JATIM PACITAN	2305z	04	Oct	2023	0.7m	Threat
NTB KOTA-BIMA S	2316z	04	Oct	2023	0.5m	Threat
DIY KULON-PROGO	2337z	04	Oct	2023	0.6m	Threat
JATIM TRENGGALEK	2347z	04	Oct	2023	0.6m	Threat
JATIM JEMBER P.NUSABARUNG	2352z	04	Oct	2023	0.6m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0001z	05	Oct	2023	0.5m	Threat
JATENG WONOGIRI	0002z	05	Oct	2023	0.8m	Threat
JABAR CIAMIS	0021z	05	Oct	2023	0.7m	Threat
BALI TABANAN	0027z	05	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0051z	05	Oct	2023	0.6m	Threat
JATIM JEMBER	0214z	05	Oct	2023	0.6m	Threat
BANTEN LEBAK	0306z	05	Oct	2023	0.7m	Threat
JATIM MALANG	0309z	05	Oct	2023	0.5m	Threat
BALI BADUNG PANTAI-KUTA	0345z	05	Oct	2023	0.6m	Threat

IRAN

PUSHT	1617z	04	Oct	2023	0.7m	Threat
MISKI	0355z	05	Oct	2023	0.6m	Threat

KENYA

KIWAYU	1224z	04	Oct	2023	1.3m	Threat
KIPINI	1246z	04	Oct	2023	1.4m	Threat
KISIMACHANDE	1248z	04	Oct	2023	1.1m	Threat
MALINDI	1251z	04	Oct	2023	1.5m	Threat
MVULENI	1541z	04	Oct	2023	0.9m	Threat

MADAGASCAR

VOHEMAR	1157z	04	Oct	2023	1.1m	Threat
TOAMASINA AIRPORT	1227z	04	Oct	2023	1.1m	Threat
AMBAHY	1233z	04	Oct	2023	1.0m	Threat
TAMPOLO	1236z	04	Oct	2023	1.1m	Threat
MANANTENINA	1251z	04	Oct	2023	1.0m	Threat
FARAFAGANA	1448z	04	Oct	2023	0.5m	Threat
GLORIOSO ISLANDS	1511z	04	Oct	2023	0.9m	Threat
SAMPONA	1624z	04	Oct	2023	0.9m	Threat
ANOROTSANGANA	1805z	04	Oct	2023	0.7m	Threat
BALY	2054z	04	Oct	2023	0.7m	Threat
AMBANJA	0414z	05	Oct	2023	0.6m	Threat

MALAYSIA

SATUN	0721z	04	Oct	2023	1.1m	Threat
YAN	0727z	04	Oct	2023	1.3m	Threat
WEST OF ALOR SETAR	0741z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI UTARA & BARAT DAYA	0756z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI SELATAN	0758z	04	Oct	2023	1.3m	Threat
KUALA MUDA	0804z	04	Oct	2023	1.3m	Threat
KERIAN	0818z	04	Oct	2023	1.3m	Threat
LARUT AND MATANG	0828z	04	Oct	2023	1.4m	Threat
MANJUNG	0842z	04	Oct	2023	1.5m	Threat
HILIR PERAK	1107z	04	Oct	2023	1.1m	Threat
SABAK BERNAM	1139z	04	Oct	2023	1.0m	Threat
KUALA SELANGOR	1155z	04	Oct	2023	1.1m	Threat
KUALA LANGAT	1225z	04	Oct	2023	0.9m	Threat
PORT DICKSON	1750z	04	Oct	2023	0.7m	Threat
SEPANG	2255z	04	Oct	2023	0.6m	Threat

MALDIVES

MALE	0711z	04	Oct	2023	4.3m	Threat
KOLHUFUSHI	0713z	04	Oct	2023	3.6m	Threat
DHIYAMIGILI	0714z	04	Oct	2023	6.6m	Threat
KULHUDUFFUSHI	0717z	04	Oct	2023	4.2m	Threat
THINADHOO	0719z	04	Oct	2023	3.1m	Threat
HITHADHOO	0720z	04	Oct	2023	1.9m	Threat

GOIDHOO	0726z	04	Oct	2023	2.3m	Threat
FERIDHOO	0732z	04	Oct	2023	2.0m	Threat
NILANDHOO	0734z	04	Oct	2023	2.8m	Threat
MAURITIUS						

LA FERME	1013z	04	Oct	2023	1.6m	Threat
CARGADOS CARAJOS	1106z	04	Oct	2023	1.1m	Threat
GRANDE REVIERE SUD EST-EAST	1212z	04	Oct	2023	0.7m	Threat
MOZAMBIQUE						

MAGANJA	1319z	04	Oct	2023	1.3m	Threat
MERONVI	1424z	04	Oct	2023	1.3m	Threat
LUMBO	1539z	04	Oct	2023	1.0m	Threat
MOGINCUAL	1646z	04	Oct	2023	0.8m	Threat
TAVARI	1700z	04	Oct	2023	0.8m	Threat
QUITERAJO	1720z	04	Oct	2023	1.0m	Threat
MAGUEMBA	1742z	04	Oct	2023	0.8m	Threat
NANGATA	1903z	04	Oct	2023	0.7m	Threat
PEMBA	1913z	04	Oct	2023	0.8m	Threat
MOEBASE	0140z	05	Oct	2023	0.5m	Threat
MYANMAR						

GREAT WESTERN TORRES ISLAND	0534z	04	Oct	2023	2.3m	Threat
LORD LOUGHBOROUGH ISLAND	0534z	04	Oct	2023	2.2m	Threat
THAN KYUN	0538z	04	Oct	2023	2.3m	Threat
LITTLE COCO ISLAND	0540z	04	Oct	2023	1.6m	Threat
PREPARIS ISLAND	0548z	04	Oct	2023	1.0m	Threat
CHEDEBA ISLAND	0632z	04	Oct	2023	1.9m	Threat
SITTWE	0659z	04	Oct	2023	1.5m	Threat
MALI KYUN	0701z	04	Oct	2023	1.7m	Threat
MAGYIGYAING	0702z	04	Oct	2023	1.7m	Threat
THAWINCHAUNG	0705z	04	Oct	2023	1.3m	Threat
KYAUKPYU	0706z	04	Oct	2023	1.9m	Threat
PHARPON	0708z	04	Oct	2023	1.7m	Threat
YE	0739z	04	Oct	2023	1.4m	Threat
YANGON-S	0742z	04	Oct	2023	1.1m	Threat
KYWEGYAUNG	0843z	04	Oct	2023	2.0m	Threat
MAWYEN	0854z	04	Oct	2023	1.9m	Threat
OMAN						

MIRBAT	1232z	04	Oct	2023	0.6m	Threat
SALALAH	1238z	04	Oct	2023	1.1m	Threat
TAQAH	1259z	04	Oct	2023	0.9m	Threat
HASIK	1328z	04	Oct	2023	0.8m	Threat
AD DUQM	1551z	04	Oct	2023	0.8m	Threat
AL ASHKHARAH	1609z	04	Oct	2023	0.7m	Threat
RAS AR RUWAYS	1616z	04	Oct	2023	0.8m	Threat
EAST MUSANDAM	0329z	05	Oct	2023	0.6m	Threat
MASIRAH	0432z	05	Oct	2023	0.6m	Threat
SUR	0434z	05	Oct	2023	0.6m	Threat
MUSCAT	0454z	05	Oct	2023	0.5m	Threat
PAKISTAN						

WINDER	1950z	04	Oct	2023	0.7m	Threat
ORMARA	2137z	04	Oct	2023	0.7m	Threat
SINDH	0420z	05	Oct	2023	0.7m	Threat
SEYCHELLES						

FREGATE ISLAND	1025z	04	Oct	2023	1.3m	Threat
TAKAMAKA	1142z	04	Oct	2023	1.0m	Threat
SOMALIA						

BANDER-BEYLA	1111z	04	Oct	2023	2.2m	Threat
TOOXIN	1118z	04	Oct	2023	2.0m	Threat
EYL	1119z	04	Oct	2023	1.8m	Threat
GALDOGOB	1121z	04	Oct	2023	2.0m	Threat
JARIIBAN	1122z	04	Oct	2023	1.6m	Threat
MAREEG	1131z	04	Oct	2023	1.9m	Threat
ITALA	1132z	04	Oct	2023	1.3m	Threat
CEEL DHEER	1132z	04	Oct	2023	2.1m	Threat
XARARDHEERE	1133z	04	Oct	2023	2.5m	Threat
UARSCIECH	1135z	04	Oct	2023	1.4m	Threat
MUQDISHO	1141z	04	Oct	2023	1.4m	Threat
ABO	1151z	04	Oct	2023	1.2m	Threat
BARAAWE	1156z	04	Oct	2023	1.0m	Threat
JILIB	1200z	04	Oct	2023	1.1m	Threat
NE BEERNAASI	1208z	04	Oct	2023	1.5m	Threat
KAAMBOONI	1215z	04	Oct	2023	1.0m	Threat
QANDALA	2357z	04	Oct	2023	0.5m	Threat

SOUTH AFRICA

MOSSEL	2205z	04	Oct	2023	0.7m	Threat
PORT ELIZABETH	2302z	04	Oct	2023	0.6m	Threat
GEORGE	0021z	05	Oct	2023	0.6m	Threat
HANKEY	0214z	05	Oct	2023	0.5m	Threat
KAYSERS BEACH	0324z	05	Oct	2023	0.6m	Threat
ALEXANDRIA	0406z	05	Oct	2023	0.5m	Threat
PORT DURNFORD	0410z	05	Oct	2023	0.6m	Threat
MANDI	0444z	05	Oct	2023	0.5m	Threat

SRI LANKA

AKKARAI PATTU	0547z	04	Oct	2023	3.5m	Threat
OKANDA	0548z	04	Oct	2023	1.8m	Threat
BATTICALOA	0548z	04	Oct	2023	5.3m	Threat
KIRINDA	0551z	04	Oct	2023	6.0m	Threat
POTTUVIL	0551z	04	Oct	2023	4.2m	Threat
ANAITIVU	0551z	04	Oct	2023	3.1m	Threat
PANKULAM	0555z	04	Oct	2023	4.3m	Threat
KATTANKUDI	0556z	04	Oct	2023	6.0m	Threat
MULLAITTIVU	0603z	04	Oct	2023	4.6m	Threat
MATARA	0603z	04	Oct	2023	2.7m	Threat
TANGALLE	0605z	04	Oct	2023	2.2m	Threat
HAMBANTOTA	0608z	04	Oct	2023	5.2m	Threat
GALLE	0613z	04	Oct	2023	3.1m	Threat
AMBALANGODA	0616z	04	Oct	2023	1.9m	Threat
CHUNDIKKULAM	0619z	04	Oct	2023	3.6m	Threat
BERUWALA	0621z	04	Oct	2023	1.6m	Threat
MORATUWA	0627z	04	Oct	2023	1.8m	Threat
CHAVAKACHCHERI	0630z	04	Oct	2023	3.6m	Threat
COLOMBO	0634z	04	Oct	2023	3.0m	Threat
POINT PEDRO	0635z	04	Oct	2023	3.2m	Threat
NEGOMBO	0636z	04	Oct	2023	1.4m	Threat
MUNDAL LAKE	0644z	04	Oct	2023	1.4m	Threat
MANNAR ISLAND	0652z	04	Oct	2023	1.6m	Threat
MUSALI	0708z	04	Oct	2023	1.3m	Threat

TANZANIA

MADANGWA	1259z	04	Oct	2023	0.9m	Threat
VUMBA	1303z	04	Oct	2023	1.0m	Threat
JIMBO	1314z	04	Oct	2023	0.9m	Threat
KUTANI	1320z	04	Oct	2023	0.8m	Threat
SONGO SONGO ISLAND	1321z	04	Oct	2023	1.0m	Threat
VUMBI	1323z	04	Oct	2023	0.6m	Threat
ZANZIBAR	1333z	04	Oct	2023	0.8m	Threat
MSASANI	1353z	04	Oct	2023	0.9m	Threat
RUVU	1419z	04	Oct	2023	1.1m	Threat

BAGAMOYO	1521z	04	Oct	2023	0.8m	Threat
WEST TO KONDE	1525z	04	Oct	2023	0.8m	Threat
BOMALANDNI	2057z	04	Oct	2023	0.6m	Threat
THAILAND						

THAI MUEANG	0528z	04	Oct	2023	3.4m	Threat
KO RACHA NOI	0535z	04	Oct	2023	3.0m	Threat
KOH SURIN TAI	0539z	04	Oct	2023	2.7m	Threat
THAI MUEANG TAKUA PA	0609z	04	Oct	2023	2.9m	Threat
KOH LANTA YAI	0612z	04	Oct	2023	2.4m	Threat
KOH ROK	0617z	04	Oct	2023	1.9m	Threat
MUEANG SATUN	0623z	04	Oct	2023	1.6m	Threat
KOH TARUTAO	0711z	04	Oct	2023	2.3m	Threat
UNITED ARAB EMIRATES						

KALBA	0326z	05	Oct	2023	0.7m	Threat
UNITED KINGDOM						

MORESBY ISLAND	0736z	04	Oct	2023	4.2m	Threat
DIEGO GARCIA	0743z	04	Oct	2023	1.5m	Threat
NW EGMONT ISLAND	0810z	04	Oct	2023	0.7m	Threat
YEMEN						

DAMQAWT	1126z	04	Oct	2023	1.0m	Threat
AL GHAYDAH AIRPORT	1139z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND SOUTH	1147z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND NORTH	1247z	04	Oct	2023	1.0m	Threat
MASILAH WADI	1325z	04	Oct	2023	0.7m	Threat
HUSWAYN	1330z	04	Oct	2023	1.8m	Threat
HAMI	1333z	04	Oct	2023	0.8m	Threat
AL MUKALLA	1359z	04	Oct	2023	1.1m	Threat
KHANFAR	1447z	04	Oct	2023	0.9m	Threat
ALQUMRAH	1508z	04	Oct	2023	1.0m	Threat
HARRAH	1917z	04	Oct	2023	0.7m	Threat
EAST TO HAMI	2116z	04	Oct	2023	0.7m	Threat
MAALLAH	2301z	04	Oct	2023	1.0m	Threat
SOCOTRA ISLAND WEST	2349z	04	Oct	2023	0.7m	Threat

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.

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 IOTWMS-TSP INDIA for this event as more information becomes available.

OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:
 IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>
 IOTWMS-TSP INDONESIA: <http://inatews.bmkg.gov.id>

6. CONTACT INFORMATION

IOTWMS-TSP INDIA:

INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)

Indian National Centre for Ocean Information Services (INCOIS)

Address: "ocean valley", Pragathi Nagar (Bo), Nizampet (So),

Hyderabad - 500 090, India

Phone: 91-40-23895011

Fax: 91-40-23895012

Email: tsunami@incois.gov.in

Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT

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BULLETIN 6

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# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
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TSUNAMI BULLETIN NUMBER 6 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 0700 UTC WEDNESDAY 04 OCTOBER 2023

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

This bulletin applies to areas within and bordering the Indian Ocean.
It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

2. EVALUATION

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

LOCATION	LAT	LON	TIME	DATE	AMPL
Campbell Bay (INDIA)	7.00N	93.93E	0428z	04 Oct 2023	6.0m
Sabang (INDONESIA)	5.83N	95.33E	0429z	04 Oct 2023	3.6m
Portblair (INDIA)	11.6N	92.77E	0439z	04 Oct 2023	3.6m
DART 23227 (INDIA)	6.25N	88.88E	0441z	04 Oct 2023	2.6m
Nancowry (INDIA)	8.05N	93.55E	0508z	04 Oct 2023	8.4m
Meulaboh (INDONESIA)	4.13N	96.13E	0514z	04 Oct 2023	9.1m
Trinconmalee (SRILANKA)	8.56N	81.20E	0557z	04 Oct 2023	4.8m
Enggano (INDONESIA)	5.35S	102.28E	0612z	04 Oct 2023	0.9m
Chennai (INDIA)	13.1N	80.30E	0620z	04 Oct 2023	6.0m
Visakhapatnam (INDIA)	17.6N	83.28E	0629z	04 Oct 2023	3.9m
Colombo (SRILANKA)	6.95N	79.85E	0632z	04 Oct 2023	3.9m

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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.

AUSTRALIA

PILBARA COAST WEST 1037z 04 Oct 2023 0.8m Threat
GASCOYNE COAST 1441z 04 Oct 2023 0.9m Threat
HEARD ISLAND AND MCDONALD ISLANDS 1446z 04 Oct 2023 1.1m Threat
PILBARA COAST EAST 1501z 04 Oct 2023 0.9m Threat
GERALDTON COAST 1517z 04 Oct 2023 1.0m Threat
BUNBURY GEOGRAPHE COAST 1518z 04 Oct 2023 0.8m Threat

IOC Technical Series, 181 (I) Supplement 1
page 168

NINGALOO COAST	1609z	04	Oct	2023	0.6m	Threat
LEEUWIN COAST	1642z	04	Oct	2023	0.8m	Threat
LANCELIN COAST	2301z	04	Oct	2023	0.6m	Threat
ALBANY COAST	0221z	05	Oct	2023	0.6m	Threat
WEST KIMBERLY COAST	0324z	05	Oct	2023	0.6m	Threat
PERTH COAST	0431z	05	Oct	2023	0.7m	Threat
BANGLADESH						

COXS BAZAR	0733z	04	Oct	2023	1.8m	Threat
KUTUBDIA ISLAND	0753z	04	Oct	2023	1.7m	Threat
BARGUNA	0759z	04	Oct	2023	2.0m	Threat
CHALNA	0941z	04	Oct	2023	1.1m	Threat
COMOROS						

CHEZANI	1442z	04	Oct	2023	0.7m	Threat
DJIBOUTI						

NW ARTA	1412z	04	Oct	2023	0.7m	Threat
MUHAMMAD ALI BIN FATHA SUMANA	0419z	05	Oct	2023	0.5m	Threat
FRANCE						

ILE KERGUELEN	1444z	04	Oct	2023	1.7m	Threat
CROZET PLATEAU	1546z	04	Oct	2023	0.6m	Threat
ILE DE LA POSSESSION	2025z	04	Oct	2023	0.7m	Threat
INDIA						

KOMATRA & KATCHAL ISLAND	0402z	04	Oct	2023	9.6m	Threat
INDIRA POINT	0402z	04	Oct	2023	12.5m	Threat
CAR NICOBAR	0404z	04	Oct	2023	6.9m	Threat
LITTLE ANDAMAN	0433z	04	Oct	2023	9.6m	Threat
PORT BLAIR	0446z	04	Oct	2023	7.2m	Threat
NORTH SENTINEL ISLAND	0449z	04	Oct	2023	3.3m	Threat
HAVELOCK	0456z	04	Oct	2023	3.5m	Threat
BARREN ISLAND	0505z	04	Oct	2023	0.7m	Threat
RANGATH BAY	0509z	04	Oct	2023	3.4m	Threat
DIGLIPUR	0515z	04	Oct	2023	2.2m	Threat
FLAT ISLAND	0522z	04	Oct	2023	2.6m	Threat
WEST & LANDFALL ISLAND	0523z	04	Oct	2023	2.1m	Threat
NARCONDAM ISLAND	0552z	04	Oct	2023	0.6m	Threat
MARAKKANAM	0617z	04	Oct	2023	5.5m	Threat
PUDUCHERRY	0619z	04	Oct	2023	7.1m	Threat
CUDDALORE	0620z	04	Oct	2023	4.7m	Threat
POOMBUHAR	0621z	04	Oct	2023	4.2m	Threat
ENNORE	0622z	04	Oct	2023	5.0m	Threat
KAKINADA	0623z	04	Oct	2023	2.9m	Threat
MAHABALIPURAM	0625z	04	Oct	2023	5.4m	Threat
MACHILIPATNAM	0625z	04	Oct	2023	3.0m	Threat
SRIHARIKOTA	0627z	04	Oct	2023	4.2m	Threat
PERUPALEM	0628z	04	Oct	2023	2.1m	Threat
CHENNAI	0629z	04	Oct	2023	5.9m	Threat
NAGAPATTINAM	0630z	04	Oct	2023	4.2m	Threat
KARAIKAL	0632z	04	Oct	2023	3.6m	Threat
NIJAMPATTANAM	0633z	04	Oct	2023	3.1m	Threat
PURI	0638z	04	Oct	2023	2.8m	Threat
MALLIPATTINAM	0638z	04	Oct	2023	3.0m	Threat
MUTHUPET	0638z	04	Oct	2023	3.1m	Threat
KOTTAPATNAM	0639z	04	Oct	2023	3.4m	Threat
VISAKHAPATNAM	0639z	04	Oct	2023	3.0m	Threat
PARADIP	0639z	04	Oct	2023	1.7m	Threat
KALINGAPATNAM	0640z	04	Oct	2023	3.4m	Threat
KONADA	0640z	04	Oct	2023	2.5m	Threat
GOPALPUR	0648z	04	Oct	2023	2.7m	Threat
JAMBOO	0656z	04	Oct	2023	1.8m	Threat

RAMESWARAM	0700z	04	Oct	2023	1.6m	Threat
TUTICORIN	0702z	04	Oct	2023	2.1m	Threat
KOTTTAIPPATTANAM	0703z	04	Oct	2023	1.5m	Threat
KOODANKULAM	0718z	04	Oct	2023	1.6m	Threat
KANYAKUMARI	0726z	04	Oct	2023	2.8m	Threat
HEMNAGAR	0729z	04	Oct	2023	1.2m	Threat
QUILON	0731z	04	Oct	2023	1.0m	Threat
DHAMRA	0734z	04	Oct	2023	1.7m	Threat
NAMKHANA	0736z	04	Oct	2023	1.3m	Threat
TRIVANDRUM	0737z	04	Oct	2023	1.8m	Threat
DIGHA	0742z	04	Oct	2023	2.0m	Threat
ALLEPPEY ALAPPUZHA	0746z	04	Oct	2023	1.4m	Threat
CHANDIPUR	0749z	04	Oct	2023	1.6m	Threat
KAVARATTI	0823z	04	Oct	2023	0.5m	Threat
AGATTI	0844z	04	Oct	2023	0.7m	Threat
VADANAPPALLY	1040z	04	Oct	2023	1.0m	Threat
COCHIN	1043z	04	Oct	2023	1.3m	Threat
MALVAN BAY	1051z	04	Oct	2023	0.7m	Threat
KARWAR	1052z	04	Oct	2023	1.1m	Threat
UDUPI	1102z	04	Oct	2023	0.9m	Threat
BEYPORE	1110z	04	Oct	2023	1.0m	Threat
KANNUR	1115z	04	Oct	2023	1.0m	Threat
MAHE	1121z	04	Oct	2023	0.9m	Threat
JAIGARH	1245z	04	Oct	2023	0.7m	Threat
KASARAGOD	1300z	04	Oct	2023	1.2m	Threat
VAKKAD	1318z	04	Oct	2023	1.0m	Threat
VASCO	1332z	04	Oct	2023	0.7m	Threat
PANAJI	1457z	04	Oct	2023	0.8m	Threat
MANGALORE	1851z	04	Oct	2023	0.9m	Threat
TARAPUR	2246z	04	Oct	2023	0.5m	Threat
HAZIRA, DIU	0003z	05	Oct	2023	0.6m	Threat
BHARUCH	0029z	05	Oct	2023	0.6m	Threat
HAZIRA	0032z	05	Oct	2023	0.6m	Threat
ALIBAG PORT	0227z	05	Oct	2023	0.5m	Threat
KHAMBAT	0325z	05	Oct	2023	0.6m	Threat
DWARKA	0333z	05	Oct	2023	0.6m	Threat

INDONESIA

NAD ACEH-JAYA	0420z	04	Oct	2023	6.1m	Threat
NAD ACEH-BESAR P.BREUEH	0421z	04	Oct	2023	7.6m	Threat
NAD KOTA-BANDA-ACEH	0423z	04	Oct	2023	9.4m	Threat
NAD ACEH-BESAR B	0423z	04	Oct	2023	10.1m	Threat
NAD KOTA-SABANG P.WEH	0427z	04	Oct	2023	3.9m	Threat
NAD ACEH-BESAR P.PENASI	0429z	04	Oct	2023	5.9m	Threat
NAD ACEH-BARAT	0438z	04	Oct	2023	3.0m	Threat
NAD SIMEULUE P.SIMEULUE	0441z	04	Oct	2023	3.4m	Threat
NAD ACEH-BESAR U	0441z	04	Oct	2023	2.0m	Threat
NAD PIDIE	0445z	04	Oct	2023	1.8m	Threat
NAD NAGAN-RAYA	0449z	04	Oct	2023	4.1m	Threat
NAD BIREUEN	0456z	04	Oct	2023	1.9m	Threat
SUMUT NIAS B	0457z	04	Oct	2023	2.1m	Threat
GUNUNGSITOLI	0457z	04	Oct	2023	2.0m	Threat
NAD ACEH-BARAT-DAYA	0500z	04	Oct	2023	3.2m	Threat
NAD ACEH-SELATAN U	0500z	04	Oct	2023	2.3m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500z	04	Oct	2023	2.1m	Threat
NAD ACEH-UTARA B	0504z	04	Oct	2023	1.7m	Threat
NAD KOTA-LHOKSEUMAWA	0505z	04	Oct	2023	1.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	0506z	04	Oct	2023	1.6m	Threat
NAD ACEH-SELATAN S	0513z	04	Oct	2023	2.5m	Threat
SUMUT NIAS-SELATAN P.TANABALA	0514z	04	Oct	2023	1.4m	Threat
NAD ACEH-UTARA T	0515z	04	Oct	2023	2.9m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0519z	04	Oct	2023	1.4m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0523z	04	Oct	2023	1.5m	Threat
NAD ACEH-TIMUR	0534z	04	Oct	2023	2.7m	Threat
NAD ACEH-SINGKIL	0603z	04	Oct	2023	1.6m	Threat
SUMUT TAPANULI-TENGAH U	0626z	04	Oct	2023	2.1m	Threat
MUARASIBERUT	0627z	04	Oct	2023	2.6m	Threat

NAD KOTA-LANGSA	0637z	04	Oct	2023	2.3m	Threat
SUMUT TAPANULI-SELATAN	0642z	04	Oct	2023	1.2m	Threat
NAD ACEH-TAMIANG	0658z	04	Oct	2023	1.3m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0659z	04	Oct	2023	3.2m	Threat
NIAS	0738z	04	Oct	2023	1.5m	Threat
SUMUT LANGKAT	0741z	04	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0748z	04	Oct	2023	1.5m	Threat
NIAS-EAST	0805z	04	Oct	2023	1.4m	Threat
BELAWAN	0806z	04	Oct	2023	1.4m	Threat
SUMUT DELISERDANG	0814z	04	Oct	2023	1.7m	Threat
SUMUT SERDANG-BEDAGAI	0819z	04	Oct	2023	1.6m	Threat
SUMUT ASAHAN	0836z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0908z	04	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	0934z	04	Oct	2023	1.6m	Threat
JATENG CILACAP	1000z	04	Oct	2023	0.7m	Threat
BANTEN KOTA-CILEGON	1011z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1012z	04	Oct	2023	0.7m	Threat
BANTEN SERANG B	1012z	04	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	1016z	04	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	1017z	04	Oct	2023	0.6m	Threat
NIAS-NORTH	1046z	04	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL U	1047z	04	Oct	2023	1.4m	Threat
SUMUT MANDAILING-NATAL S	1051z	04	Oct	2023	0.9m	Threat
SOUTH OF BODAHAYIONE	1102z	04	Oct	2023	1.2m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1107z	04	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	1107z	04	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	1115z	04	Oct	2023	1.2m	Threat
LABUHAN BATU	1147z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS B	1147z	04	Oct	2023	0.8m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1154z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	1217z	04	Oct	2023	0.9m	Threat
ROKAN HILIR	1237z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1238z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1311z	04	Oct	2023	0.9m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1328z	04	Oct	2023	1.0m	Threat
SUMBAR AGAM	1332z	04	Oct	2023	1.2m	Threat
BENGKULU KAUR	1336z	04	Oct	2023	0.9m	Threat
BENGKULU SELUMA	1342z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1345z	04	Oct	2023	0.7m	Threat
JABAR CIANJUR SINDANGBARANG	1348z	04	Oct	2023	0.8m	Threat
DUMAI	1350z	04	Oct	2023	0.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	1351z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG P.PANAITAN	1351z	04	Oct	2023	1.3m	Threat
JABAR TASIKMALAYA	1354z	04	Oct	2023	1.0m	Threat
BENGKULU MUKOMUKO	1358z	04	Oct	2023	1.0m	Threat
JABAR GARUT	1409z	04	Oct	2023	0.8m	Threat
DIY BANTUL	1442z	04	Oct	2023	0.7m	Threat
DIY GUNUNG-KIDUL	1443z	04	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	1445z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG S	1454z	04	Oct	2023	0.8m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1520z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1525z	04	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	1527z	04	Oct	2023	0.8m	Threat
LAMPUNG TANGGAMUS P.TABUAN	1540z	04	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN S	1646z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	1708z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG S	1709z	04	Oct	2023	0.8m	Threat
SUMBAR PESISIR-SELATAN U	1711z	04	Oct	2023	0.7m	Threat
MURSAIBI	1723z	04	Oct	2023	0.7m	Threat
NTB SUMBAWA S	1800z	04	Oct	2023	0.6m	Threat
MUARASIGEP	1833z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN U	1835z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN S	1859z	04	Oct	2023	0.7m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1905z	04	Oct	2023	0.6m	Threat
JATENG KEBUMEN	1915z	04	Oct	2023	0.6m	Threat
SUMBAR KOTA-PARIAMAN	1926z	04	Oct	2023	0.7m	Threat
JATIM BLITAR	1949z	04	Oct	2023	0.5m	Threat
BALI DENPASAR PANTAI-SANUR	2022z	04	Oct	2023	0.7m	Threat

NTB LOMBOK-TIMUR S	2133z	04	Oct	2023	0.6m	Threat
NTB LOMBOK-TENGAH	2203z	04	Oct	2023	0.8m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	2205z	04	Oct	2023	0.7m	Threat
JATIM PACITAN	2305z	04	Oct	2023	0.7m	Threat
NTB KOTA-BIMA S	2316z	04	Oct	2023	0.5m	Threat
DIY KULON-PROGO	2337z	04	Oct	2023	0.6m	Threat
JATIM TRENGGALEK	2347z	04	Oct	2023	0.6m	Threat
JATIM JEMBER P.NUSABARUNG	2352z	04	Oct	2023	0.6m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0001z	05	Oct	2023	0.5m	Threat
JATENG WONOGIRI	0002z	05	Oct	2023	0.8m	Threat
JABAR CIAMIS	0021z	05	Oct	2023	0.7m	Threat
BALI TABANAN	0027z	05	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0051z	05	Oct	2023	0.6m	Threat
JATIM JEMBER	0214z	05	Oct	2023	0.6m	Threat
BANTEN LEBAK	0306z	05	Oct	2023	0.7m	Threat
JATIM MALANG	0309z	05	Oct	2023	0.5m	Threat
BALI BADUNG PANTAI-KUTA	0345z	05	Oct	2023	0.6m	Threat

IRAN

PUSHT	1617z	04	Oct	2023	0.7m	Threat
MISKI	0355z	05	Oct	2023	0.6m	Threat

KENYA

KIWAYU	1224z	04	Oct	2023	1.3m	Threat
KIPI NI	1246z	04	Oct	2023	1.4m	Threat
KISIMACHANDE	1248z	04	Oct	2023	1.1m	Threat
MALINDI	1251z	04	Oct	2023	1.5m	Threat
MVULENI	1541z	04	Oct	2023	0.9m	Threat

MADAGASCAR

VOHEMAR	1157z	04	Oct	2023	1.1m	Threat
TOAMASINA AIRPORT	1227z	04	Oct	2023	1.1m	Threat
AMBAHY	1233z	04	Oct	2023	1.0m	Threat
TAMPOLO	1236z	04	Oct	2023	1.1m	Threat
MANANTENINA	1251z	04	Oct	2023	1.0m	Threat
FARAFAGANA	1448z	04	Oct	2023	0.5m	Threat
GLORIOSO ISLANDS	1511z	04	Oct	2023	0.9m	Threat
SAMPONA	1624z	04	Oct	2023	0.9m	Threat
ANOROTSANGANA	1805z	04	Oct	2023	0.7m	Threat
BALY	2054z	04	Oct	2023	0.7m	Threat
AMBANJA	0414z	05	Oct	2023	0.6m	Threat

MALAYSIA

SATUN	0721z	04	Oct	2023	1.1m	Threat
YAN	0727z	04	Oct	2023	1.3m	Threat
WEST OF ALOR SETAR	0741z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI UTARA & BARAT DAYA	0756z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI SELATAN	0758z	04	Oct	2023	1.3m	Threat
KUALA MUDA	0804z	04	Oct	2023	1.3m	Threat
KERIAN	0818z	04	Oct	2023	1.3m	Threat
LARUT AND MATANG	0828z	04	Oct	2023	1.4m	Threat
MANJUNG	0842z	04	Oct	2023	1.5m	Threat
HILIR PERAK	1107z	04	Oct	2023	1.1m	Threat
SABAK BERNAM	1139z	04	Oct	2023	1.0m	Threat
KUALA SELANGOR	1155z	04	Oct	2023	1.1m	Threat
KUALA LANGAT	1225z	04	Oct	2023	0.9m	Threat
PORT DICKSON	1750z	04	Oct	2023	0.7m	Threat
SEPANG	2255z	04	Oct	2023	0.6m	Threat

MALDIVES

MALE	0711z	04	Oct	2023	4.3m	Threat
KOLHUFUSHI	0713z	04	Oct	2023	3.6m	Threat
DHIYAMIGILI	0714z	04	Oct	2023	6.6m	Threat

KULHUDUFFUSHI	0717z	04	Oct	2023	4.2m	Threat
THINADHOO	0719z	04	Oct	2023	3.1m	Threat
HITHADHOO	0720z	04	Oct	2023	1.9m	Threat
GOIDHOO	0726z	04	Oct	2023	2.3m	Threat
FERIDHOO	0732z	04	Oct	2023	2.0m	Threat
NILANDHOO	0734z	04	Oct	2023	2.8m	Threat
MAURITIUS						

LA FERME	1013z	04	Oct	2023	1.6m	Threat
CARGADOS CARAJOS	1106z	04	Oct	2023	1.1m	Threat
GRANDE REVIERE SUD EST-EAST	1212z	04	Oct	2023	0.7m	Threat
MOZAMBIQUE						

MAGANJA	1319z	04	Oct	2023	1.3m	Threat
MERONVI	1424z	04	Oct	2023	1.3m	Threat
LUMBO	1539z	04	Oct	2023	1.0m	Threat
MOGINCUAL	1646z	04	Oct	2023	0.8m	Threat
TAVARI	1700z	04	Oct	2023	0.8m	Threat
QUITERAJO	1720z	04	Oct	2023	1.0m	Threat
MAGUEMBA	1742z	04	Oct	2023	0.8m	Threat
NANGATA	1903z	04	Oct	2023	0.7m	Threat
PEMBA	1913z	04	Oct	2023	0.8m	Threat
MOEBASE	0140z	05	Oct	2023	0.5m	Threat
MYANMAR						

GREAT WESTERN TORRES ISLAND	0534z	04	Oct	2023	2.3m	Threat
LORD LOUGHBOROUGH ISLAND	0534z	04	Oct	2023	2.2m	Threat
THAN KYUN	0538z	04	Oct	2023	2.3m	Threat
LITTLE COCO ISLAND	0540z	04	Oct	2023	1.6m	Threat
PREPARIS ISLAND	0548z	04	Oct	2023	1.0m	Threat
CHEDUBA ISLAND	0632z	04	Oct	2023	1.9m	Threat
SITTWE	0659z	04	Oct	2023	1.5m	Threat
MALI KYUN	0701z	04	Oct	2023	1.7m	Threat
MAGYIGYAING	0702z	04	Oct	2023	1.7m	Threat
THAWINCHAUNG	0705z	04	Oct	2023	1.3m	Threat
KYAUKPYU	0706z	04	Oct	2023	1.9m	Threat
PHARPON	0708z	04	Oct	2023	1.7m	Threat
YE	0739z	04	Oct	2023	1.4m	Threat
YANGON-S	0742z	04	Oct	2023	1.1m	Threat
KYWEGYAUNG	0843z	04	Oct	2023	2.0m	Threat
MAWYEN	0854z	04	Oct	2023	1.9m	Threat
OMAN						

MIRBAT	1232z	04	Oct	2023	0.6m	Threat
SALALAH	1238z	04	Oct	2023	1.1m	Threat
TAQAH	1259z	04	Oct	2023	0.9m	Threat
HASIK	1328z	04	Oct	2023	0.8m	Threat
AD DUQM	1551z	04	Oct	2023	0.8m	Threat
AL ASHKHARAH	1609z	04	Oct	2023	0.7m	Threat
RAS AR RUWAYS	1616z	04	Oct	2023	0.8m	Threat
EAST MUSANDAM	0329z	05	Oct	2023	0.6m	Threat
MASIRAH	0432z	05	Oct	2023	0.6m	Threat
SUR	0434z	05	Oct	2023	0.6m	Threat
MUSCAT	0454z	05	Oct	2023	0.5m	Threat
PAKISTAN						

WINDER	1950z	04	Oct	2023	0.7m	Threat
ORMARA	2137z	04	Oct	2023	0.7m	Threat
SINDH	0420z	05	Oct	2023	0.7m	Threat
SEYCHELLES						

FREGATE ISLAND	1025z	04	Oct	2023	1.3m	Threat

TAKAMAKA	1142z	04	Oct	2023	1.0m	Threat
SOMALIA						

BANDER-BEYLA	1111z	04	Oct	2023	2.2m	Threat
TOOXIN	1118z	04	Oct	2023	2.0m	Threat
EYL	1119z	04	Oct	2023	1.8m	Threat
GALDOGOB	1121z	04	Oct	2023	2.0m	Threat
JARIIBAN	1122z	04	Oct	2023	1.6m	Threat
MAREEG	1131z	04	Oct	2023	1.9m	Threat
ITALA	1132z	04	Oct	2023	1.3m	Threat
CEEL DHEER	1132z	04	Oct	2023	2.1m	Threat
XARARDHEERE	1133z	04	Oct	2023	2.5m	Threat
UARSCIECH	1135z	04	Oct	2023	1.4m	Threat
MUQDISHO	1141z	04	Oct	2023	1.4m	Threat
ABO	1151z	04	Oct	2023	1.2m	Threat
BARAAWE	1156z	04	Oct	2023	1.0m	Threat
JILIB	1200z	04	Oct	2023	1.1m	Threat
NE BEERNAASI	1208z	04	Oct	2023	1.5m	Threat
KAAMBOONI	1215z	04	Oct	2023	1.0m	Threat
QANDALA	2357z	04	Oct	2023	0.5m	Threat
SOUTH AFRICA						

MOSSEL	2205z	04	Oct	2023	0.7m	Threat
PORT ELIZABETH	2302z	04	Oct	2023	0.6m	Threat
GEORGE	0021z	05	Oct	2023	0.6m	Threat
HANKEY	0214z	05	Oct	2023	0.5m	Threat
KAYSERS BEACH	0324z	05	Oct	2023	0.6m	Threat
ALEXANDRIA	0406z	05	Oct	2023	0.5m	Threat
PORT DURNFORD	0410z	05	Oct	2023	0.6m	Threat
MANDI	0444z	05	Oct	2023	0.5m	Threat
SRI LANKA						

AKKARAI PATTU	0547z	04	Oct	2023	3.5m	Threat
OKANDA	0548z	04	Oct	2023	1.8m	Threat
BATTICALOA	0548z	04	Oct	2023	5.3m	Threat
KIRINDA	0551z	04	Oct	2023	6.0m	Threat
POTTUVIL	0551z	04	Oct	2023	4.2m	Threat
ANAITIVU	0551z	04	Oct	2023	3.1m	Threat
PANKULAM	0555z	04	Oct	2023	4.3m	Threat
KATTANKUDI	0556z	04	Oct	2023	6.0m	Threat
MULLAITTIVU	0603z	04	Oct	2023	4.6m	Threat
MATARA	0603z	04	Oct	2023	2.7m	Threat
TANGALLE	0605z	04	Oct	2023	2.2m	Threat
HAMBANTOTA	0608z	04	Oct	2023	5.2m	Threat
GALLE	0613z	04	Oct	2023	3.1m	Threat
AMBALANGODA	0616z	04	Oct	2023	1.9m	Threat
CHUNDIKKULAM	0619z	04	Oct	2023	3.6m	Threat
BERUWALA	0621z	04	Oct	2023	1.6m	Threat
MORATUWA	0627z	04	Oct	2023	1.8m	Threat
CHAVAKACHCHERI	0630z	04	Oct	2023	3.6m	Threat
COLOMBO	0634z	04	Oct	2023	3.0m	Threat
POINT PEDRO	0635z	04	Oct	2023	3.2m	Threat
NEGOMBO	0636z	04	Oct	2023	1.4m	Threat
MUNDAL LAKE	0644z	04	Oct	2023	1.4m	Threat
MANNAR ISLAND	0652z	04	Oct	2023	1.6m	Threat
MUSALI	0708z	04	Oct	2023	1.3m	Threat
TANZANIA						

MADANGWA	1259z	04	Oct	2023	0.9m	Threat
VUMBA	1303z	04	Oct	2023	1.0m	Threat
JIMBO	1314z	04	Oct	2023	0.9m	Threat
KUTANI	1320z	04	Oct	2023	0.8m	Threat
SONGO SONGO ISLAND	1321z	04	Oct	2023	1.0m	Threat
VUMBI	1323z	04	Oct	2023	0.6m	Threat

IOC Technical Series, 181 (I) Supplement 1
page 174

ZANZIBAR	1333z	04	Oct	2023	0.8m	Threat
MSASANI	1353z	04	Oct	2023	0.9m	Threat
RUVU	1419z	04	Oct	2023	1.1m	Threat
BAGAMOYO	1521z	04	Oct	2023	0.8m	Threat
WEST TO KONDE	1525z	04	Oct	2023	0.8m	Threat
BOMALANDNI	2057z	04	Oct	2023	0.6m	Threat

THAILAND

THAI MUEANG	0528z	04	Oct	2023	3.4m	Threat
KO RACHA NOI	0535z	04	Oct	2023	3.0m	Threat
KOH SURIN TAI	0539z	04	Oct	2023	2.7m	Threat
THAI MUEANG TAKUA PA	0609z	04	Oct	2023	2.9m	Threat
KOH LANTA YAI	0612z	04	Oct	2023	2.4m	Threat
KOH ROK	0617z	04	Oct	2023	1.9m	Threat
MUEANG SATUN	0623z	04	Oct	2023	1.6m	Threat
KOH TARUTAO	0711z	04	Oct	2023	2.3m	Threat

UNITED ARAB EMIRATES

KALBA	0326z	05	Oct	2023	0.7m	Threat
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UNITED KINGDOM

MORESBY ISLAND	0736z	04	Oct	2023	4.2m	Threat
DIEGO GARCIA	0743z	04	Oct	2023	1.5m	Threat
NW EGMONT ISLAND	0810z	04	Oct	2023	0.7m	Threat

YEMEN

DAMQAWT	1126z	04	Oct	2023	1.0m	Threat
AL GHAYDAH AIRPORT	1139z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND SOUTH	1147z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND NORTH	1247z	04	Oct	2023	1.0m	Threat
MASILAH WADI	1325z	04	Oct	2023	0.7m	Threat
HUSWAYN	1330z	04	Oct	2023	1.8m	Threat
HAMI	1333z	04	Oct	2023	0.8m	Threat
AL MUKALLA	1359z	04	Oct	2023	1.1m	Threat
KHANFAR	1447z	04	Oct	2023	0.9m	Threat
ALQUMRAH	1508z	04	Oct	2023	1.0m	Threat
HARRAH	1917z	04	Oct	2023	0.7m	Threat
EAST TO HAMI	2116z	04	Oct	2023	0.7m	Threat
MAALLAH	2301z	04	Oct	2023	1.0m	Threat
SOCOTRA ISLAND WEST	2349z	04	Oct	2023	0.7m	Threat

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.

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 IOTWMS-TSP INDIA for this event as more information becomes available.

OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>
IOTWMS-TSP INDONESIA: <http://inatews.bmkg.gov.id>

6. CONTACT INFORMATION

IOTWMS-TSP INDIA:

INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)

Indian National Centre for Ocean Information Services (INCOIS)

Address: "ocean valley", Pragathi Nagar (Bo), Nizampet (So),

Hyderabad - 500 090, India

Phone: 91-40-23895011

Fax: 91-40-23895012

Email: tsunami@incois.gov.in

Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT

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BULLETIN 7

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#  
# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
#  
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TSUNAMI BULLETIN NUMBER 7 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 0800 UTC WEDNESDAY 04 OCTOBER 2023

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

This bulletin applies to areas within and bordering the Indian Ocean.
It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

2. EVALUATION

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

LOCATION	LAT	LON	TIME	DATE	AMPL
Campbell Bay (INDIA)	7.00N	93.9E	0428z	04 Oct 2023	6.0m
Sabang (INDONESIA)	5.83N	95.33E	0429z	04 Oct 2023	3.6m
Portblair (INDIA)	11.6N	92.77E	0439z	04 Oct 2023	3.6m
DART 23227 (INDIA)	6.25N	88.88E	0441z	04 Oct 2023	2.6m
Nancowry (INDIA)	8.05N	93.55E	0508z	04 Oct 2023	8.4m
Meulaboh (INDONESIA)	4.13N	96.13E	0514z	04 Oct 2023	9.1m
Trinconmalee (SRILANKA)	8.56N	81.20E	0557z	04 Oct 2023	4.8m
Enggano (INDONESIA)	5.35S	102.28E	0612z	04 Oct 2023	0.9m
Chennai (INDIA)	13.1N	80.30E	0620z	04 Oct 2023	6.0m
Visakhapatnam (INDIA)	17.6N	83.28E	0629z	04 Oct 2023	3.9m
Colombo (SRILANKA)	6.95N	79.85E	0632z	04 Oct 2023	3.9m
Hanimaadhoo (MALDIVE ISLANDS)	6.77N	73.17E	0718z	04 Oct 2023	4.6m
Minicoy (INDIA)	8.28N	73.05E	0724z	04 Oct 2023	2.0m
Diego Garcia (UK)	7.29S	72.39E	0739z	04 Oct 2023	3.1m
Sadeng (INDONESIA)	8.19S	110.80E	0747z	04 Oct 2023	0.8m

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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.

AUSTRALIA

PILBARA COAST WEST 1037z 04 Oct 2023 0.8m Threat

GASCOYNE COAST	1441z	04	Oct	2023	0.9m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1446z	04	Oct	2023	1.1m	Threat
PILBARA COAST EAST	1501z	04	Oct	2023	0.9m	Threat
GERALDTON COAST	1517z	04	Oct	2023	1.0m	Threat
BUNBURY GEOGRAPHE COAST	1518z	04	Oct	2023	0.8m	Threat
NINGALOO COAST	1609z	04	Oct	2023	0.6m	Threat
LEEUWIN COAST	1642z	04	Oct	2023	0.8m	Threat
LANCELIN COAST	2301z	04	Oct	2023	0.6m	Threat
ALBANY COAST	0221z	05	Oct	2023	0.6m	Threat
WEST KIMBERLY COAST	0324z	05	Oct	2023	0.6m	Threat
PERTH COAST	0431z	05	Oct	2023	0.7m	Threat
BANGLADESH						

COXS BAZAR	0733z	04	Oct	2023	1.8m	Threat
KUTUBDIA ISLAND	0753z	04	Oct	2023	1.7m	Threat
BARGUNA	0759z	04	Oct	2023	2.0m	Threat
CHALNA	0941z	04	Oct	2023	1.1m	Threat
COMOROS						

CHEZANI	1442z	04	Oct	2023	0.7m	Threat
DJIBOUTI						

NW ARTA	1412z	04	Oct	2023	0.7m	Threat
MUHAMMAD ALI BIN FATHA SUMANA	0419z	05	Oct	2023	0.5m	Threat
FRANCE						

ILE KERGUELEN	1444z	04	Oct	2023	1.7m	Threat
CROZET PLATEAU	1546z	04	Oct	2023	0.6m	Threat
ILE DE LA POSSESSION	2025z	04	Oct	2023	0.7m	Threat
INDIA						

KOMATRA & KATCHAL ISLAND	0402z	04	Oct	2023	9.6m	Threat
INDIRA POINT	0402z	04	Oct	2023	12.5m	Threat
CAR NICOBAR	0404z	04	Oct	2023	6.9m	Threat
LITTLE ANDAMAN	0433z	04	Oct	2023	9.6m	Threat
PORT BLAIR	0446z	04	Oct	2023	7.2m	Threat
NORTH SENTINEL ISLAND	0449z	04	Oct	2023	3.3m	Threat
HAVELOCK	0456z	04	Oct	2023	3.5m	Threat
BARREN ISLAND	0505z	04	Oct	2023	0.7m	Threat
RANGATH BAY	0509z	04	Oct	2023	3.4m	Threat
DIGLIPUR	0515z	04	Oct	2023	2.2m	Threat
FLAT ISLAND	0522z	04	Oct	2023	2.6m	Threat
WEST & LANDFALL ISLAND	0523z	04	Oct	2023	2.1m	Threat
NARCONDAM ISLAND	0552z	04	Oct	2023	0.6m	Threat
MARAKKANAM	0617z	04	Oct	2023	5.5m	Threat
PUDUCHERRY	0619z	04	Oct	2023	7.1m	Threat
CUDDALORE	0620z	04	Oct	2023	4.7m	Threat
POOMBUHAR	0621z	04	Oct	2023	4.2m	Threat
ENNORE	0622z	04	Oct	2023	5.0m	Threat
KAKINADA	0623z	04	Oct	2023	2.9m	Threat
MAHABALIPURAM	0625z	04	Oct	2023	5.4m	Threat
MACHILIPATNAM	0625z	04	Oct	2023	3.0m	Threat
SRIHARIKOTA	0627z	04	Oct	2023	4.2m	Threat
PERUPALEM	0628z	04	Oct	2023	2.1m	Threat
CHENNAI	0629z	04	Oct	2023	5.9m	Threat
NAGAPATTINAM	0630z	04	Oct	2023	4.2m	Threat
KARAIKAL	0632z	04	Oct	2023	3.6m	Threat
NIJAMPATTANAM	0633z	04	Oct	2023	3.1m	Threat
PURI	0638z	04	Oct	2023	2.8m	Threat
MALLIPATTINAM	0638z	04	Oct	2023	3.0m	Threat
MUTHUPET	0638z	04	Oct	2023	3.1m	Threat
KOTTAPATNAM	0639z	04	Oct	2023	3.4m	Threat
VISAKHAPATNAM	0639z	04	Oct	2023	3.0m	Threat

PARADIP	0639z	04	Oct	2023	1.7m	Threat
KALINGAPATNAM	0640z	04	Oct	2023	3.4m	Threat
KONADA	0640z	04	Oct	2023	2.5m	Threat
GOPALPUR	0648z	04	Oct	2023	2.7m	Threat
JAMBOO	0656z	04	Oct	2023	1.8m	Threat
RAMESWARAM	0700z	04	Oct	2023	1.6m	Threat
TUTICORIN	0702z	04	Oct	2023	2.1m	Threat
KOTTAIPPATTANAM	0703z	04	Oct	2023	1.5m	Threat
KODANKULAM	0718z	04	Oct	2023	1.6m	Threat
KANYAKUMARI	0726z	04	Oct	2023	2.8m	Threat
HEMNAGAR	0729z	04	Oct	2023	1.2m	Threat
QUILON	0731z	04	Oct	2023	1.0m	Threat
DHAMRA	0734z	04	Oct	2023	1.7m	Threat
NAMKHANA	0736z	04	Oct	2023	1.3m	Threat
TRIVANDRUM	0737z	04	Oct	2023	1.8m	Threat
DIGHA	0742z	04	Oct	2023	2.0m	Threat
ALLEPPEY ALAPPUZHA	0746z	04	Oct	2023	1.4m	Threat
CHANDIPUR	0749z	04	Oct	2023	1.6m	Threat
KAVARATTI	0823z	04	Oct	2023	0.5m	Threat
AGATTI	0844z	04	Oct	2023	0.7m	Threat
VADANAPPALLY	1040z	04	Oct	2023	1.0m	Threat
COCHIN	1043z	04	Oct	2023	1.3m	Threat
MALVAN BAY	1051z	04	Oct	2023	0.7m	Threat
KARWAR	1052z	04	Oct	2023	1.1m	Threat
UDUPI	1102z	04	Oct	2023	0.9m	Threat
BEYPORE	1110z	04	Oct	2023	1.0m	Threat
KANNUR	1115z	04	Oct	2023	1.0m	Threat
MAHE	1121z	04	Oct	2023	0.9m	Threat
JAIGARH	1245z	04	Oct	2023	0.7m	Threat
KASARAGOD	1300z	04	Oct	2023	1.2m	Threat
VAKKAD	1318z	04	Oct	2023	1.0m	Threat
VASCO	1332z	04	Oct	2023	0.7m	Threat
PANAJI	1457z	04	Oct	2023	0.8m	Threat
MANGALORE	1851z	04	Oct	2023	0.9m	Threat
TARAPUR	2246z	04	Oct	2023	0.5m	Threat
HAZIRA, DIU	0003z	05	Oct	2023	0.6m	Threat
BHARUCH	0029z	05	Oct	2023	0.6m	Threat
HAZIRA	0032z	05	Oct	2023	0.6m	Threat
ALIBAG PORT	0227z	05	Oct	2023	0.5m	Threat
KHAMBAT	0325z	05	Oct	2023	0.6m	Threat
DWARKA	0333z	05	Oct	2023	0.6m	Threat
INDONESIA						

NAD ACEH-JAYA	0420z	04	Oct	2023	6.1m	Threat
NAD ACEH-BESAR P.BREUEH	0421z	04	Oct	2023	7.6m	Threat
NAD KOTA-BANDA-ACEH	0423z	04	Oct	2023	9.4m	Threat
NAD ACEH-BESAR B	0423z	04	Oct	2023	10.1m	Threat
NAD KOTA-SABANG P.WEH	0427z	04	Oct	2023	3.9m	Threat
NAD ACEH-BESAR P.PENASI	0429z	04	Oct	2023	5.9m	Threat
NAD ACEH-BARAT	0438z	04	Oct	2023	3.0m	Threat
NAD SIMEULUE P.SIMEULUE	0441z	04	Oct	2023	3.4m	Threat
NAD ACEH-BESAR U	0441z	04	Oct	2023	2.0m	Threat
NAD PIDIE	0445z	04	Oct	2023	1.8m	Threat
NAD NAGAN-RAYA	0449z	04	Oct	2023	4.1m	Threat
NAD BIREUEN	0456z	04	Oct	2023	1.9m	Threat
SUMUT NIAS B	0457z	04	Oct	2023	2.1m	Threat
GUNUNGSITOLI	0457z	04	Oct	2023	2.0m	Threat
NAD ACEH-BARAT-DAYA	0500z	04	Oct	2023	3.2m	Threat
NAD ACEH-SELATAN U	0500z	04	Oct	2023	2.3m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500z	04	Oct	2023	2.1m	Threat
NAD ACEH-UTARA B	0504z	04	Oct	2023	1.7m	Threat
NAD KOTA-LHOKSEUMAWA	0505z	04	Oct	2023	1.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	0506z	04	Oct	2023	1.6m	Threat
NAD ACEH-SELATAN S	0513z	04	Oct	2023	2.5m	Threat
SUMUT NIAS-SELATAN P.TANABALA	0514z	04	Oct	2023	1.4m	Threat
NAD ACEH-UTARA T	0515z	04	Oct	2023	2.9m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0519z	04	Oct	2023	1.4m	Threat

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0523z	04	Oct	2023	1.5m	Threat
NAD ACEH-TIMUR	0534z	04	Oct	2023	2.7m	Threat
NAD ACEH-SINGKIL	0603z	04	Oct	2023	1.6m	Threat
SUMUT TAPANULI-TENGAH U	0626z	04	Oct	2023	2.1m	Threat
MUARASIBERUT	0627z	04	Oct	2023	2.6m	Threat
NAD KOTA-LANGSA	0637z	04	Oct	2023	2.3m	Threat
SUMUT TAPANULI-SELATAN	0642z	04	Oct	2023	1.2m	Threat
NAD ACEH-TAMIANG	0658z	04	Oct	2023	1.3m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0659z	04	Oct	2023	3.2m	Threat
NIAS	0738z	04	Oct	2023	1.5m	Threat
SUMUT LANGKAT	0741z	04	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0748z	04	Oct	2023	1.5m	Threat
NIAS-EAST	0805z	04	Oct	2023	1.4m	Threat
BELAWAN	0806z	04	Oct	2023	1.4m	Threat
SUMUT DELISERDANG	0814z	04	Oct	2023	1.7m	Threat
SUMUT SERDANG-BEDAGAI	0819z	04	Oct	2023	1.6m	Threat
SUMUT ASAHAN	0836z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0908z	04	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	0934z	04	Oct	2023	1.6m	Threat
JATENG CILACAP	1000z	04	Oct	2023	0.7m	Threat
BANTEN KOTA-CILEGON	1011z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1012z	04	Oct	2023	0.7m	Threat
BANTEN SERANG B	1012z	04	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	1016z	04	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	1017z	04	Oct	2023	0.6m	Threat
NIAS-NORTH	1046z	04	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL U	1047z	04	Oct	2023	1.4m	Threat
SUMUT MANDAILING-NATAL S	1051z	04	Oct	2023	0.9m	Threat
SOUTH OF BODAHAYIONE	1102z	04	Oct	2023	1.2m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1107z	04	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	1107z	04	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	1115z	04	Oct	2023	1.2m	Threat
LABUHAN BATU	1147z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS B	1147z	04	Oct	2023	0.8m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1154z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	1217z	04	Oct	2023	0.9m	Threat
ROKAN HILIR	1237z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1238z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1311z	04	Oct	2023	0.9m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1328z	04	Oct	2023	1.0m	Threat
SUMBAR AGAM	1332z	04	Oct	2023	1.2m	Threat
BENGKULU KAUR	1336z	04	Oct	2023	0.9m	Threat
BENGKULU SELUMA	1342z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1345z	04	Oct	2023	0.7m	Threat
JABAR CIANJUR SINDANGBARANG	1348z	04	Oct	2023	0.8m	Threat
DUMAI	1350z	04	Oct	2023	0.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	1351z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG P.PANAITAN	1351z	04	Oct	2023	1.3m	Threat
JABAR TASIKMALAYA	1354z	04	Oct	2023	1.0m	Threat
BENGKULU MUKOMUKO	1358z	04	Oct	2023	1.0m	Threat
JABAR GARUT	1409z	04	Oct	2023	0.8m	Threat
DIY BANTUL	1442z	04	Oct	2023	0.7m	Threat
DIY GUNUNG-KIDUL	1443z	04	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	1445z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG S	1454z	04	Oct	2023	0.8m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1520z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1525z	04	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	1527z	04	Oct	2023	0.8m	Threat
LAMPUNG TANGGAMUS P.TABUAN	1540z	04	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN S	1646z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	1708z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG S	1709z	04	Oct	2023	0.8m	Threat
SUMBAR PESISIR-SELATAN U	1711z	04	Oct	2023	0.7m	Threat
MURASAI BI	1723z	04	Oct	2023	0.7m	Threat
NTB SUMBAWA S	1800z	04	Oct	2023	0.6m	Threat
MUARASIGEP	1833z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN U	1835z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN S	1859z	04	Oct	2023	0.7m	Threat

IOC Technical Series, 181 (I) Supplement 1
page 180

LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1905z	04	Oct	2023	0.6m	Threat
JATENG KEBUMEN	1915z	04	Oct	2023	0.6m	Threat
SUMBAR KOTA-PARIAMAN	1926z	04	Oct	2023	0.7m	Threat
JATIM BLITAR	1949z	04	Oct	2023	0.5m	Threat
BALI DENPASAR PANTAI-SANUR	2022z	04	Oct	2023	0.7m	Threat
NTB LOMBOK-TIMUR S	2133z	04	Oct	2023	0.6m	Threat
NTB LOMBOK-TENGAH	2203z	04	Oct	2023	0.8m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	2205z	04	Oct	2023	0.7m	Threat
JATIM PACITAN	2305z	04	Oct	2023	0.7m	Threat
NTB KOTA-BIMA S	2316z	04	Oct	2023	0.5m	Threat
DIY KULON-PROGO	2337z	04	Oct	2023	0.6m	Threat
JATIM TRENGGALEK	2347z	04	Oct	2023	0.6m	Threat
JATIM JEMBER P.NUSABARUNG	2352z	04	Oct	2023	0.6m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0001z	05	Oct	2023	0.5m	Threat
JATENG WONOGIRI	0002z	05	Oct	2023	0.8m	Threat
JABAR CIAMIS	0021z	05	Oct	2023	0.7m	Threat
BALI TABANAN	0027z	05	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0051z	05	Oct	2023	0.6m	Threat
JATIM JEMBER	0214z	05	Oct	2023	0.6m	Threat
BANTEN LEBAK	0306z	05	Oct	2023	0.7m	Threat
JATIM MALANG	0309z	05	Oct	2023	0.5m	Threat
BALI BADUNG PANTAI-KUTA	0345z	05	Oct	2023	0.6m	Threat
IRAN						

PUSHT	1617z	04	Oct	2023	0.7m	Threat
MISKI	0355z	05	Oct	2023	0.6m	Threat
KENYA						

KIWAYU	1224z	04	Oct	2023	1.3m	Threat
KIPINI	1246z	04	Oct	2023	1.4m	Threat
KISIMACHANDE	1248z	04	Oct	2023	1.1m	Threat
MALINDI	1251z	04	Oct	2023	1.5m	Threat
MVULENI	1541z	04	Oct	2023	0.9m	Threat
MADAGASCAR						

VOHEMAR	1157z	04	Oct	2023	1.1m	Threat
TOAMASINA AIRPORT	1227z	04	Oct	2023	1.1m	Threat
AMBAHY	1233z	04	Oct	2023	1.0m	Threat
TAMPOLO	1236z	04	Oct	2023	1.1m	Threat
MANANTENINA	1251z	04	Oct	2023	1.0m	Threat
FARAFAGANA	1448z	04	Oct	2023	0.5m	Threat
GLORIOSO ISLANDS	1511z	04	Oct	2023	0.9m	Threat
SAMPONA	1624z	04	Oct	2023	0.9m	Threat
ANOROTSANGANA	1805z	04	Oct	2023	0.7m	Threat
BALY	2054z	04	Oct	2023	0.7m	Threat
AMBANJA	0414z	05	Oct	2023	0.6m	Threat
MALAYSIA						

SATUN	0721z	04	Oct	2023	1.1m	Threat
YAN	0727z	04	Oct	2023	1.3m	Threat
WEST OF ALOR SETAR	0741z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI UTARA & BARAT DAYA	0756z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI SELATAN	0758z	04	Oct	2023	1.3m	Threat
KUALA MUDA	0804z	04	Oct	2023	1.3m	Threat
KERIAN	0818z	04	Oct	2023	1.3m	Threat
LARUT AND MATANG	0828z	04	Oct	2023	1.4m	Threat
MANJUNG	0842z	04	Oct	2023	1.5m	Threat
HILIR PERAK	1107z	04	Oct	2023	1.1m	Threat
SABAK BERNAM	1139z	04	Oct	2023	1.0m	Threat
KUALA SELANGOR	1155z	04	Oct	2023	1.1m	Threat
KUALA LANGAT	1225z	04	Oct	2023	0.9m	Threat
PORT DICKSON	1750z	04	Oct	2023	0.7m	Threat
SEPANG	2255z	04	Oct	2023	0.6m	Threat

MALDIVES

MALE	0711z	04	Oct	2023	4.3m	Threat
KOLHUFUSHI	0713z	04	Oct	2023	3.6m	Threat
DHIYAMIGILI	0714z	04	Oct	2023	6.6m	Threat
KULHUDUFFUSHI	0717z	04	Oct	2023	4.2m	Threat
THINADHOO	0719z	04	Oct	2023	3.1m	Threat
HITHADHOO	0720z	04	Oct	2023	1.9m	Threat
GOIDHOO	0726z	04	Oct	2023	2.3m	Threat
FERIDHOO	0732z	04	Oct	2023	2.0m	Threat
NILANDHOO	0734z	04	Oct	2023	2.8m	Threat

MAURITIUS

LA FERME	1013z	04	Oct	2023	1.6m	Threat
CARGADOS CARAJOS	1106z	04	Oct	2023	1.1m	Threat
GRANDE REVIERE SUD EST-EAST	1212z	04	Oct	2023	0.7m	Threat

MOZAMBIQUE

MAGANJA	1319z	04	Oct	2023	1.3m	Threat
MERONVI	1424z	04	Oct	2023	1.3m	Threat
LUMBO	1539z	04	Oct	2023	1.0m	Threat
MOGINCUAL	1646z	04	Oct	2023	0.8m	Threat
TAVARI	1700z	04	Oct	2023	0.8m	Threat
QUITERAJO	1720z	04	Oct	2023	1.0m	Threat
MAGUEMBA	1742z	04	Oct	2023	0.8m	Threat
NANGATA	1903z	04	Oct	2023	0.7m	Threat
PEMBA	1913z	04	Oct	2023	0.8m	Threat
MOEBASE	0140z	05	Oct	2023	0.5m	Threat

MYANMAR

GREAT WESTERN TORRES ISLAND	0534z	04	Oct	2023	2.3m	Threat
LORD LOUGHBOROUGH ISLAND	0534z	04	Oct	2023	2.2m	Threat
THAN KYUN	0538z	04	Oct	2023	2.3m	Threat
LITTLE COCO ISLAND	0540z	04	Oct	2023	1.6m	Threat
PREPARIS ISLAND	0548z	04	Oct	2023	1.0m	Threat
CHEDUBA ISLAND	0632z	04	Oct	2023	1.9m	Threat
SITTWE	0659z	04	Oct	2023	1.5m	Threat
MALI KYUN	0701z	04	Oct	2023	1.7m	Threat
MAGYIGYAING	0702z	04	Oct	2023	1.7m	Threat
THAWINCHAUNG	0705z	04	Oct	2023	1.3m	Threat
KYAUKPYU	0706z	04	Oct	2023	1.9m	Threat
PHARPON	0708z	04	Oct	2023	1.7m	Threat
YE	0739z	04	Oct	2023	1.4m	Threat
YANGON-S	0742z	04	Oct	2023	1.1m	Threat
KYWEGYAUNG	0843z	04	Oct	2023	2.0m	Threat
MAWYEN	0854z	04	Oct	2023	1.9m	Threat

OMAN

MIRBAT	1232z	04	Oct	2023	0.6m	Threat
SALALAH	1238z	04	Oct	2023	1.1m	Threat
TAQAH	1259z	04	Oct	2023	0.9m	Threat
HASIK	1328z	04	Oct	2023	0.8m	Threat
AD DUQM	1551z	04	Oct	2023	0.8m	Threat
AL ASHKHARAH	1609z	04	Oct	2023	0.7m	Threat
RAS AR RUWAYS	1616z	04	Oct	2023	0.8m	Threat
EAST MUSANDAM	0329z	05	Oct	2023	0.6m	Threat
MASIRAH	0432z	05	Oct	2023	0.6m	Threat
SUR	0434z	05	Oct	2023	0.6m	Threat
MUSCAT	0454z	05	Oct	2023	0.5m	Threat

PAKISTAN

WINDER	1950z	04	Oct	2023	0.7m	Threat
ORMARA	2137z	04	Oct	2023	0.7m	Threat

SINDH	0420z	05	Oct	2023	0.7m	Threat
SEYCHELLES						

FREGATE ISLAND	1025z	04	Oct	2023	1.3m	Threat
TAKAMAKA	1142z	04	Oct	2023	1.0m	Threat
SOMALIA						

BANDER-BEYLA	1111z	04	Oct	2023	2.2m	Threat
TOOXIN	1118z	04	Oct	2023	2.0m	Threat
EYL	1119z	04	Oct	2023	1.8m	Threat
GALDOGOB	1121z	04	Oct	2023	2.0m	Threat
JARIIBAN	1122z	04	Oct	2023	1.6m	Threat
MAREEG	1131z	04	Oct	2023	1.9m	Threat
ITALA	1132z	04	Oct	2023	1.3m	Threat
CEEL DHEER	1132z	04	Oct	2023	2.1m	Threat
XARARDHEERE	1133z	04	Oct	2023	2.5m	Threat
UARSCIECH	1135z	04	Oct	2023	1.4m	Threat
MUQDISHO	1141z	04	Oct	2023	1.4m	Threat
ABO	1151z	04	Oct	2023	1.2m	Threat
BARAAWE	1156z	04	Oct	2023	1.0m	Threat
JILIB	1200z	04	Oct	2023	1.1m	Threat
NE BEERNAASI	1208z	04	Oct	2023	1.5m	Threat
KAAMBOONI	1215z	04	Oct	2023	1.0m	Threat
QANDALA	2357z	04	Oct	2023	0.5m	Threat
SOUTH AFRICA						

MOSSEL	2205z	04	Oct	2023	0.7m	Threat
PORT ELIZABETH	2302z	04	Oct	2023	0.6m	Threat
GEORGE	0021z	05	Oct	2023	0.6m	Threat
HANKEY	0214z	05	Oct	2023	0.5m	Threat
KAYSERS BEACH	0324z	05	Oct	2023	0.6m	Threat
ALEXANDRIA	0406z	05	Oct	2023	0.5m	Threat
PORT DURNFORD	0410z	05	Oct	2023	0.6m	Threat
MANDI	0444z	05	Oct	2023	0.5m	Threat
SRI LANKA						

AKKARAIPATTU	0547z	04	Oct	2023	3.5m	Threat
OKANDA	0548z	04	Oct	2023	1.8m	Threat
BATTICALOA	0548z	04	Oct	2023	5.3m	Threat
KIRINDA	0551z	04	Oct	2023	6.0m	Threat
POTTUVIL	0551z	04	Oct	2023	4.2m	Threat
ANAITIVU	0551z	04	Oct	2023	3.1m	Threat
PANKULAM	0555z	04	Oct	2023	4.3m	Threat
KATTANKUDI	0556z	04	Oct	2023	6.0m	Threat
MULLAITTIVU	0603z	04	Oct	2023	4.6m	Threat
MATARA	0603z	04	Oct	2023	2.7m	Threat
TANGALLE	0605z	04	Oct	2023	2.2m	Threat
HAMBANTOTA	0608z	04	Oct	2023	5.2m	Threat
GALLE	0613z	04	Oct	2023	3.1m	Threat
AMBALANGODA	0616z	04	Oct	2023	1.9m	Threat
CHUNDIKKULAM	0619z	04	Oct	2023	3.6m	Threat
BERUWALA	0621z	04	Oct	2023	1.6m	Threat
MORATUWA	0627z	04	Oct	2023	1.8m	Threat
CHAVAKACHCHERI	0630z	04	Oct	2023	3.6m	Threat
COLOMBO	0634z	04	Oct	2023	3.0m	Threat
POINT PEDRO	0635z	04	Oct	2023	3.2m	Threat
NEGOMBO	0636z	04	Oct	2023	1.4m	Threat
MUNDAL LAKE	0644z	04	Oct	2023	1.4m	Threat
MANNAR ISLAND	0652z	04	Oct	2023	1.6m	Threat
MUSALI	0708z	04	Oct	2023	1.3m	Threat
TANZANIA						

MADANGWA	1259z	04	Oct	2023	0.9m	Threat

VUMBA	1303z	04	Oct	2023	1.0m	Threat
JIMBO	1314z	04	Oct	2023	0.9m	Threat
KUTANI	1320z	04	Oct	2023	0.8m	Threat
SONGO SONGO ISLAND	1321z	04	Oct	2023	1.0m	Threat
VUMBI	1323z	04	Oct	2023	0.6m	Threat
ZANZIBAR	1333z	04	Oct	2023	0.8m	Threat
MSASANI	1353z	04	Oct	2023	0.9m	Threat
RUVU	1419z	04	Oct	2023	1.1m	Threat
BAGAMOYO	1521z	04	Oct	2023	0.8m	Threat
WEST TO KONDE	1525z	04	Oct	2023	0.8m	Threat
BOMALANDNI	2057z	04	Oct	2023	0.6m	Threat

THAILAND

THAI MUEANG	0528z	04	Oct	2023	3.4m	Threat
KO RACHA NOI	0535z	04	Oct	2023	3.0m	Threat
KOH SURIN TAI	0539z	04	Oct	2023	2.7m	Threat
THAI MUEANG TAKUA PA	0609z	04	Oct	2023	2.9m	Threat
KOH LANTA YAI	0612z	04	Oct	2023	2.4m	Threat
KOH ROK	0617z	04	Oct	2023	1.9m	Threat
MUEANG SATUN	0623z	04	Oct	2023	1.6m	Threat
KOH TARUTAO	0711z	04	Oct	2023	2.3m	Threat

UNITED ARAB EMIRATES

KALBA	0326z	05	Oct	2023	0.7m	Threat
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UNITED KINGDOM

MORESBY ISLAND	0736z	04	Oct	2023	4.2m	Threat
DIEGO GARCIA	0743z	04	Oct	2023	1.5m	Threat
NW EGMONT ISLAND	0810z	04	Oct	2023	0.7m	Threat

YEMEN

DAMQAWT	1126z	04	Oct	2023	1.0m	Threat
AL GHAYDAH AIRPORT	1139z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND SOUTH	1147z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND NORTH	1247z	04	Oct	2023	1.0m	Threat
MASILAH WADI	1325z	04	Oct	2023	0.7m	Threat
HUSWAYN	1330z	04	Oct	2023	1.8m	Threat
HAMI	1333z	04	Oct	2023	0.8m	Threat
AL MUKALLA	1359z	04	Oct	2023	1.1m	Threat
KHANFAR	1447z	04	Oct	2023	0.9m	Threat
ALQUMRAH	1508z	04	Oct	2023	1.0m	Threat
HARRAH	1917z	04	Oct	2023	0.7m	Threat
EAST TO HAMI	2116z	04	Oct	2023	0.7m	Threat
MAALLAH	2301z	04	Oct	2023	1.0m	Threat
SOCOTRA ISLAND WEST	2349z	04	Oct	2023	0.7m	Threat

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.

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 IOTWMS-TSP INDIA for this event as more information becomes available.

OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:
IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>
IOTWMS-TSP INDONESIA: <http://inatews.bmkg.gov.id>

6. CONTACT INFORMATION

IOTWMS-TSP INDIA:
INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address: "ocean valley", Pragathi Nagar (Bo), Nizampet (So),
Hyderabad - 500 090, India
Phone: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT

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BULLETIN 8

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# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
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TSUNAMI BULLETIN NUMBER 8 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 0900 UTC WEDNESDAY 04 OCTOBER 2023

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

This bulletin applies to areas within and bordering the Indian Ocean.
It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

2. EVALUATION

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

LOCATION	LAT	LON	TIME	DATE	AMPL
Campbell Bay (INDIA)	7.00N	93.93E	0428z	04 Oct 2023	6.0m
Sabang (INDONESIA)	5.83N	95.33E	0429z	04 Oct 2023	3.6m
Portblair (INDIA)	11.6N	92.77E	0439z	04 Oct 2023	3.6m
DART 23227 (INDIA)	6.25N	88.88E	0441z	04 Oct 2023	2.6m
Nancowry (INDIA)	8.05N	93.55E	0508z	04 Oct 2023	8.4m
Meulaboh (INDONESIA)	4.13N	96.13E	0514z	04 Oct 2023	9.1m
Trinconmalee (SRILANKA)	8.56N	81.20E	0557z	04 Oct 2023	4.8m
Enggano (INDONESIA)	5.35S	102.28E	0612z	04 Oct 2023	0.9m
Chennai (INDIA)	13.1N	80.30E	0620z	04 Oct 2023	6.0m
Visakhapatnam (INDIA)	17.6N	83.28E	0629z	04 Oct 2023	3.9m
Colombo (SRILANKA)	6.95N	79.85E	0632z	04 Oct 2023	3.9m
Hanimaadhoo (MALDIVE ISLANDS)	6.77N	73.17E	0718z	04 Oct 2023	4.6m
Minicoy (INDIA)	8.28N	73.05E	0724z	04 Oct 2023	2.0m
Diego Garcia (UK)	7.29S	72.39E	0739z	04 Oct 2023	3.1m
Sadeng (INDONESIA)	8.19S	110.80E	0747z	04 Oct 2023	0.8m
Cuddalore (INDIA)	11.7N	79.75E	0801z	04 Oct 2023	4.3m
Cochin (INDIA)	9.97N	76.27E	0817z	04 Oct 2023	2.4m
Benoa (INDONESIA)	8.75S	115.22E	0831z	04 Oct 2023	0.4m

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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.

AUSTRALIA

PILBARA COAST WEST	1037z	04	Oct	2023	0.8m	Threat
GASCOYNE COAST	1441z	04	Oct	2023	0.9m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1446z	04	Oct	2023	1.1m	Threat
PILBARA COAST EAST	1501z	04	Oct	2023	0.9m	Threat
GERALDTON COAST	1517z	04	Oct	2023	1.0m	Threat
BUNBURY GEOGRAPHE COAST	1518z	04	Oct	2023	0.8m	Threat
NINGALOO COAST	1609z	04	Oct	2023	0.6m	Threat
LEEUWIN COAST	1642z	04	Oct	2023	0.8m	Threat
LANCELIN COAST	2301z	04	Oct	2023	0.6m	Threat
ALBANY COAST	0221z	05	Oct	2023	0.6m	Threat
WEST KIMBERLY COAST	0324z	05	Oct	2023	0.6m	Threat
PERTH COAST	0431z	05	Oct	2023	0.7m	Threat
BANGLADESH						

COXS BAZAR	0733z	04	Oct	2023	1.8m	Threat
KUTUBDIA ISLAND	0753z	04	Oct	2023	1.7m	Threat
BARGUNA	0759z	04	Oct	2023	2.0m	Threat
CHALNA	0941z	04	Oct	2023	1.1m	Threat
COMOROS						

CHEZANI	1442z	04	Oct	2023	0.7m	Threat
DJIBOUTI						

NW ARTA	1412z	04	Oct	2023	0.7m	Threat
MUHAMMAD ALI BIN FATHA SUMANA	0419z	05	Oct	2023	0.5m	Threat
FRANCE						

ILE KERGUELEN	1444z	04	Oct	2023	1.7m	Threat
CROZET PLATEAU	1546z	04	Oct	2023	0.6m	Threat
ILE DE LA POSSESSION	2025z	04	Oct	2023	0.7m	Threat
INDIA						

KOMATRA & KATCHAL ISLAND	0402z	04	Oct	2023	9.6m	Threat
INDIRA POINT	0402z	04	Oct	2023	12.5m	Threat
CAR NICOBAR	0404z	04	Oct	2023	6.9m	Threat
LITTLE ANDAMAN	0433z	04	Oct	2023	9.6m	Threat
PORT BLAIR	0446z	04	Oct	2023	7.2m	Threat
NORTH SENTINEL ISLAND	0449z	04	Oct	2023	3.3m	Threat
HAVELOCK	0456z	04	Oct	2023	3.5m	Threat
BARREN ISLAND	0505z	04	Oct	2023	0.7m	Threat
RANGATH BAY	0509z	04	Oct	2023	3.4m	Threat
DIGLIPUR	0515z	04	Oct	2023	2.2m	Threat
FLAT ISLAND	0522z	04	Oct	2023	2.6m	Threat
WEST & LANDFALL ISLAND	0523z	04	Oct	2023	2.1m	Threat
NARCONDAM ISLAND	0552z	04	Oct	2023	0.6m	Threat
MARAKKANAM	0617z	04	Oct	2023	5.5m	Threat
PUDUCHERRY	0619z	04	Oct	2023	7.1m	Threat
CUDDALORE	0620z	04	Oct	2023	4.7m	Threat
POOMBHAR	0621z	04	Oct	2023	4.2m	Threat
ENNORE	0622z	04	Oct	2023	5.0m	Threat
KAKINADA	0623z	04	Oct	2023	2.9m	Threat
MAHABALIPURAM	0625z	04	Oct	2023	5.4m	Threat
MACHILIPATNAM	0625z	04	Oct	2023	3.0m	Threat
SRIHARIKOTA	0627z	04	Oct	2023	4.2m	Threat
PERUPALEM	0628z	04	Oct	2023	2.1m	Threat
CHENNAI	0629z	04	Oct	2023	5.9m	Threat
NAGAPATTINAM	0630z	04	Oct	2023	4.2m	Threat
KARAIKAL	0632z	04	Oct	2023	3.6m	Threat
NIJAMPATTANAM	0633z	04	Oct	2023	3.1m	Threat
PURI	0638z	04	Oct	2023	2.8m	Threat
MALLIPATTINAM	0638z	04	Oct	2023	3.0m	Threat
MUTHUPET	0638z	04	Oct	2023	3.1m	Threat

KOTTAPATNAM	0639z	04	Oct	2023	3.4m	Threat
VISAKHAPATNAM	0639z	04	Oct	2023	3.0m	Threat
PARADIP	0639z	04	Oct	2023	1.7m	Threat
KALINGAPATNAM	0640z	04	Oct	2023	3.4m	Threat
KONADA	0640z	04	Oct	2023	2.5m	Threat
GOPALPUR	0648z	04	Oct	2023	2.7m	Threat
JAMBOO	0656z	04	Oct	2023	1.8m	Threat
RAMESWARAM	0700z	04	Oct	2023	1.6m	Threat
TUTICORIN	0702z	04	Oct	2023	2.1m	Threat
KOTTAIPPATTANAM	0703z	04	Oct	2023	1.5m	Threat
KOODANKULAM	0718z	04	Oct	2023	1.6m	Threat
KANYAKUMARI	0726z	04	Oct	2023	2.8m	Threat
HEMNAGAR	0729z	04	Oct	2023	1.2m	Threat
QUILON	0731z	04	Oct	2023	1.0m	Threat
DHAMRA	0734z	04	Oct	2023	1.7m	Threat
NAMKHANA	0736z	04	Oct	2023	1.3m	Threat
TRIVANDRUM	0737z	04	Oct	2023	1.8m	Threat
DIGHA	0742z	04	Oct	2023	2.0m	Threat
ALLEPPEY ALAPPUZHA	0746z	04	Oct	2023	1.4m	Threat
CHANDIPUR	0749z	04	Oct	2023	1.6m	Threat
KAVARATTI	0823z	04	Oct	2023	0.5m	Threat
AGATTI	0844z	04	Oct	2023	0.7m	Threat
VADANAPPALLY	1040z	04	Oct	2023	1.0m	Threat
COCHIN	1043z	04	Oct	2023	1.3m	Threat
MALVAN BAY	1051z	04	Oct	2023	0.7m	Threat
KARWAR	1052z	04	Oct	2023	1.1m	Threat
UDUPI	1102z	04	Oct	2023	0.9m	Threat
BEYPORE	1110z	04	Oct	2023	1.0m	Threat
KANNUR	1115z	04	Oct	2023	1.0m	Threat
MAHE	1121z	04	Oct	2023	0.9m	Threat
JAIGARH	1245z	04	Oct	2023	0.7m	Threat
KASARAGOD	1300z	04	Oct	2023	1.2m	Threat
VAKKAD	1318z	04	Oct	2023	1.0m	Threat
VASCO	1332z	04	Oct	2023	0.7m	Threat
PANAJI	1457z	04	Oct	2023	0.8m	Threat
MANGALORE	1851z	04	Oct	2023	0.9m	Threat
TARAPUR	2246z	04	Oct	2023	0.5m	Threat
HAZIRA, DIU	0003z	05	Oct	2023	0.6m	Threat
BHARUCH	0029z	05	Oct	2023	0.6m	Threat
HAZIRA	0032z	05	Oct	2023	0.6m	Threat
ALIBAG PORT	0227z	05	Oct	2023	0.5m	Threat
KHAMBAT	0325z	05	Oct	2023	0.6m	Threat
DWARKA	0333z	05	Oct	2023	0.6m	Threat

INDONESIA

NAD ACEH-JAYA	0420z	04	Oct	2023	6.1m	Threat
NAD ACEH-BESAR P.BREUEH	0421z	04	Oct	2023	7.6m	Threat
NAD KOTA-BANDA-ACEH	0423z	04	Oct	2023	9.4m	Threat
NAD ACEH-BESAR B	0423z	04	Oct	2023	10.1m	Threat
NAD KOTA-SABANG P.WEH	0427z	04	Oct	2023	3.9m	Threat
NAD ACEH-BESAR P.PENASI	0429z	04	Oct	2023	5.9m	Threat
NAD ACEH-BARAT	0438z	04	Oct	2023	3.0m	Threat
NAD SIMEULUE P.SIMEULUE	0441z	04	Oct	2023	3.4m	Threat
NAD ACEH-BESAR U	0441z	04	Oct	2023	2.0m	Threat
NAD PIDIE	0445z	04	Oct	2023	1.8m	Threat
NAD NAGAN-RAYA	0449z	04	Oct	2023	4.1m	Threat
NAD BIREUEN	0456z	04	Oct	2023	1.9m	Threat
SUMUT NIAS B	0457z	04	Oct	2023	2.1m	Threat
GUNUNGSITOLI	0457z	04	Oct	2023	2.0m	Threat
NAD ACEH-BARAT-DAYA	0500z	04	Oct	2023	3.2m	Threat
NAD ACEH-SELATAN U	0500z	04	Oct	2023	2.3m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500z	04	Oct	2023	2.1m	Threat
NAD ACEH-UTARA B	0504z	04	Oct	2023	1.7m	Threat
NAD KOTA-LHOKSEUMAWE	0505z	04	Oct	2023	1.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	0506z	04	Oct	2023	1.6m	Threat
NAD ACEH-SELATAN S	0513z	04	Oct	2023	2.5m	Threat
SUMUT NIAS-SELATAN P.TANABALA	0514z	04	Oct	2023	1.4m	Threat

NAD ACEH-UTARA T	0515z	04	Oct	2023	2.9m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0519z	04	Oct	2023	1.4m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0523z	04	Oct	2023	1.5m	Threat
NAD ACEH-TIMUR	0534z	04	Oct	2023	2.7m	Threat
NAD ACEH-SINGKIL	0603z	04	Oct	2023	1.6m	Threat
SUMUT TAPANULI-TENGAH U	0626z	04	Oct	2023	2.1m	Threat
MUARASIBERUT	0627z	04	Oct	2023	2.6m	Threat
NAD KOTA-LANGSA	0637z	04	Oct	2023	2.3m	Threat
SUMUT TAPANULI-SELATAN	0642z	04	Oct	2023	1.2m	Threat
NAD ACEH-TAMBIANG	0658z	04	Oct	2023	1.3m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0659z	04	Oct	2023	3.2m	Threat
NIAS	0738z	04	Oct	2023	1.5m	Threat
SUMUT LANGKAT	0741z	04	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0748z	04	Oct	2023	1.5m	Threat
NIAS-EAST	0805z	04	Oct	2023	1.4m	Threat
BELAWAN	0806z	04	Oct	2023	1.4m	Threat
SUMUT DELISERDANG	0814z	04	Oct	2023	1.7m	Threat
SUMUT SERDANG-BEDAGAI	0819z	04	Oct	2023	1.6m	Threat
SUMUT ASAHAN	0836z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0908z	04	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	0934z	04	Oct	2023	1.6m	Threat
JATENG CILACAP	1000z	04	Oct	2023	0.7m	Threat
BANTEN KOTA-CILEGON	1011z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1012z	04	Oct	2023	0.7m	Threat
BANTEN SERANG B	1012z	04	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	1016z	04	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	1017z	04	Oct	2023	0.6m	Threat
NIAS-NORTH	1046z	04	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL U	1047z	04	Oct	2023	1.4m	Threat
SUMUT MANDAILING-NATAL S	1051z	04	Oct	2023	0.9m	Threat
SOUTH OF BODAHAYIONE	1102z	04	Oct	2023	1.2m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1107z	04	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	1107z	04	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	1115z	04	Oct	2023	1.2m	Threat
LABUHAN BATU	1147z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS B	1147z	04	Oct	2023	0.8m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1154z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	1217z	04	Oct	2023	0.9m	Threat
ROKAN HILIR	1237z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1238z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1311z	04	Oct	2023	0.9m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1328z	04	Oct	2023	1.0m	Threat
SUMBAR AGAM	1332z	04	Oct	2023	1.2m	Threat
BENGKULU KAUR	1336z	04	Oct	2023	0.9m	Threat
BENGKULU SELUMA	1342z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1345z	04	Oct	2023	0.7m	Threat
JABAR CIANJUR SINDANGBARANG	1348z	04	Oct	2023	0.8m	Threat
DUMAI	1350z	04	Oct	2023	0.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	1351z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG P.PANAITAN	1351z	04	Oct	2023	1.3m	Threat
JABAR TASIKMALAYA	1354z	04	Oct	2023	1.0m	Threat
BENGKULU MUKOMUKO	1358z	04	Oct	2023	1.0m	Threat
JABAR GARUT	1409z	04	Oct	2023	0.8m	Threat
DIY BANTUL	1442z	04	Oct	2023	0.7m	Threat
DIY GUNUNG-KIDUL	1443z	04	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	1445z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG S	1454z	04	Oct	2023	0.8m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1520z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1525z	04	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	1527z	04	Oct	2023	0.8m	Threat
LAMPUNG TANGGAMUS P.TABUAN	1540z	04	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN S	1646z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	1708z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG S	1709z	04	Oct	2023	0.8m	Threat
SUMBAR PESISIR-SELATAN U	1711z	04	Oct	2023	0.7m	Threat
MURASAI BI	1723z	04	Oct	2023	0.7m	Threat
NTB SUMBAWA S	1800z	04	Oct	2023	0.6m	Threat
MUARASIGEP	1833z	04	Oct	2023	0.7m	Threat

SUMBAR PADANG-PARIAMAN U	1835z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN S	1859z	04	Oct	2023	0.7m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1905z	04	Oct	2023	0.6m	Threat
JATENG KEBUMEN	1915z	04	Oct	2023	0.6m	Threat
SUMBAR KOTA-PARIAMAN	1926z	04	Oct	2023	0.7m	Threat
JATIM BLITAR	1949z	04	Oct	2023	0.5m	Threat
BALI DENPASAR PANTAI-SANUR	2022z	04	Oct	2023	0.7m	Threat
NTB LOMBOK-TIMUR S	2133z	04	Oct	2023	0.6m	Threat
NTB LOMBOK-TENGAH	2203z	04	Oct	2023	0.8m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	2205z	04	Oct	2023	0.7m	Threat
JATIM PACITAN	2305z	04	Oct	2023	0.7m	Threat
NTB KOTA-BIMA S	2316z	04	Oct	2023	0.5m	Threat
DIY KULON-PROGO	2337z	04	Oct	2023	0.6m	Threat
JATIM TRENGGALEK	2347z	04	Oct	2023	0.6m	Threat
JATIM JEMBER P.NUSABARUNG	2352z	04	Oct	2023	0.6m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0001z	05	Oct	2023	0.5m	Threat
JATENG WONOGIRI	0002z	05	Oct	2023	0.8m	Threat
JABAR CIAMIS	0021z	05	Oct	2023	0.7m	Threat
BALI TABANAN	0027z	05	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0051z	05	Oct	2023	0.6m	Threat
JATIM JEMBER	0214z	05	Oct	2023	0.6m	Threat
BANTEN LEBAK	0306z	05	Oct	2023	0.7m	Threat
JATIM MALANG	0309z	05	Oct	2023	0.5m	Threat
BALI BADUNG PANTAI-KUTA	0345z	05	Oct	2023	0.6m	Threat

IRAN

PUSHT	1617z	04	Oct	2023	0.7m	Threat
MISKI	0355z	05	Oct	2023	0.6m	Threat

KENYA

KIWAYU	1224z	04	Oct	2023	1.3m	Threat
KIPINI	1246z	04	Oct	2023	1.4m	Threat
KISIMACHANDE	1248z	04	Oct	2023	1.1m	Threat
MALINDI	1251z	04	Oct	2023	1.5m	Threat
MVULENI	1541z	04	Oct	2023	0.9m	Threat

MADAGASCAR

VOHEMAR	1157z	04	Oct	2023	1.1m	Threat
TOAMASINA AIRPORT	1227z	04	Oct	2023	1.1m	Threat
AMBAHY	1233z	04	Oct	2023	1.0m	Threat
TAMPOLO	1236z	04	Oct	2023	1.1m	Threat
MANANTENINA	1251z	04	Oct	2023	1.0m	Threat
FARAFAGANA	1448z	04	Oct	2023	0.5m	Threat
GLORIOSO ISLANDS	1511z	04	Oct	2023	0.9m	Threat
SAMPONA	1624z	04	Oct	2023	0.9m	Threat
ANOROTSANGANA	1805z	04	Oct	2023	0.7m	Threat
BALY	2054z	04	Oct	2023	0.7m	Threat
AMBANJA	0414z	05	Oct	2023	0.6m	Threat

MALAYSIA

SATUN	0721z	04	Oct	2023	1.1m	Threat
YAN	0727z	04	Oct	2023	1.3m	Threat
WEST OF ALOR SETAR	0741z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI UTARA & BARAT DAYA	0756z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI SELATAN	0758z	04	Oct	2023	1.3m	Threat
KUALA MUDA	0804z	04	Oct	2023	1.3m	Threat
KERIAN	0818z	04	Oct	2023	1.3m	Threat
LARUT AND MATANG	0828z	04	Oct	2023	1.4m	Threat
MANJUNG	0842z	04	Oct	2023	1.5m	Threat
HILIR PERAK	1107z	04	Oct	2023	1.1m	Threat
SABAK BERNAM	1139z	04	Oct	2023	1.0m	Threat
KUALA SELANGOR	1155z	04	Oct	2023	1.1m	Threat
KUALA LANGAT	1225z	04	Oct	2023	0.9m	Threat
PORT DICKSON	1750z	04	Oct	2023	0.7m	Threat

SEPANG 2255z 04 Oct 2023 0.6m Threat

MALDIVES

MALE 0711z 04 Oct 2023 4.3m Threat
KOLHUFUSHI 0713z 04 Oct 2023 3.6m Threat
DHIYAMIGILI 0714z 04 Oct 2023 6.6m Threat
KULHUDUFFUSHI 0717z 04 Oct 2023 4.2m Threat
THINADHOO 0719z 04 Oct 2023 3.1m Threat
HITHADHOO 0720z 04 Oct 2023 1.9m Threat
GOIDHOO 0726z 04 Oct 2023 2.3m Threat
FERIDHOO 0732z 04 Oct 2023 2.0m Threat
NILANDHOO 0734z 04 Oct 2023 2.8m Threat

MAURITIUS

LA FERME 1013z 04 Oct 2023 1.6m Threat
CARGADOS CARAJOS 1106z 04 Oct 2023 1.1m Threat
GRANDE REVIERE SUD EST-EAST 1212z 04 Oct 2023 0.7m Threat

MOZAMBIQUE

MAGANJA 1319z 04 Oct 2023 1.3m Threat
MERONVI 1424z 04 Oct 2023 1.3m Threat
LUMBO 1539z 04 Oct 2023 1.0m Threat
MOGINCUAL 1646z 04 Oct 2023 0.8m Threat
TAVARI 1700z 04 Oct 2023 0.8m Threat
QUITERAJO 1720z 04 Oct 2023 1.0m Threat
MAGUEMBA 1742z 04 Oct 2023 0.8m Threat
NANGATA 1903z 04 Oct 2023 0.7m Threat
PEMBA 1913z 04 Oct 2023 0.8m Threat
MOEBASE 0140z 05 Oct 2023 0.5m Threat

MYANMAR

GREAT WESTERN TORRES ISLAND 0534z 04 Oct 2023 2.3m Threat
LORD LOUGHBOROUGH ISLAND 0534z 04 Oct 2023 2.2m Threat
THAN KYUN 0538z 04 Oct 2023 2.3m Threat
LITTLE COCO ISLAND 0540z 04 Oct 2023 1.6m Threat
PREPARIS ISLAND 0548z 04 Oct 2023 1.0m Threat
CHEDUBA ISLAND 0632z 04 Oct 2023 1.9m Threat
SITTWE 0659z 04 Oct 2023 1.5m Threat
MALI KYUN 0701z 04 Oct 2023 1.7m Threat
MAGYIGYAING 0702z 04 Oct 2023 1.7m Threat
THAWINCHAUNG 0705z 04 Oct 2023 1.3m Threat
KYAUKPYU 0706z 04 Oct 2023 1.9m Threat
PHARPON 0708z 04 Oct 2023 1.7m Threat
YE 0739z 04 Oct 2023 1.4m Threat
YANGON-S 0742z 04 Oct 2023 1.1m Threat
KYWEGYAUNG 0843z 04 Oct 2023 2.0m Threat
MAWYEN 0854z 04 Oct 2023 1.9m Threat

OMAN

MIRBAT 1232z 04 Oct 2023 0.6m Threat
SALALAH 1238z 04 Oct 2023 1.1m Threat
TAQAH 1259z 04 Oct 2023 0.9m Threat
HASIK 1328z 04 Oct 2023 0.8m Threat
AD DUQM 1551z 04 Oct 2023 0.8m Threat
AL ASHKHARAH 1609z 04 Oct 2023 0.7m Threat
RAS AR RUWAYS 1616z 04 Oct 2023 0.8m Threat
EAST MUSANDAM 0329z 05 Oct 2023 0.6m Threat
MASIRAH 0432z 05 Oct 2023 0.6m Threat
SUR 0434z 05 Oct 2023 0.6m Threat
MUSCAT 0454z 05 Oct 2023 0.5m Threat

PAKISTAN

WINDER	1950z	04	Oct	2023	0.7m	Threat
ORMARA	2137z	04	Oct	2023	0.7m	Threat
SINDH	0420z	05	Oct	2023	0.7m	Threat

SEYCHELLES

FREGATE ISLAND	1025z	04	Oct	2023	1.3m	Threat
TAKAMAKA	1142z	04	Oct	2023	1.0m	Threat

SOMALIA

BANDER-BEYLA	1111z	04	Oct	2023	2.2m	Threat
TOOXIN	1118z	04	Oct	2023	2.0m	Threat
EYL	1119z	04	Oct	2023	1.8m	Threat
GALDOGOB	1121z	04	Oct	2023	2.0m	Threat
JARIIBAN	1122z	04	Oct	2023	1.6m	Threat
MAREEG	1131z	04	Oct	2023	1.9m	Threat
ITALA	1132z	04	Oct	2023	1.3m	Threat
CEEL DHEER	1132z	04	Oct	2023	2.1m	Threat
XARARDHEERE	1133z	04	Oct	2023	2.5m	Threat
UARSCIECH	1135z	04	Oct	2023	1.4m	Threat
MUQDISHO	1141z	04	Oct	2023	1.4m	Threat
ABO	1151z	04	Oct	2023	1.2m	Threat
BARAAWE	1156z	04	Oct	2023	1.0m	Threat
JILIB	1200z	04	Oct	2023	1.1m	Threat
NE BEERNAASI	1208z	04	Oct	2023	1.5m	Threat
KAAMBOONI	1215z	04	Oct	2023	1.0m	Threat
QANDALA	2357z	04	Oct	2023	0.5m	Threat

SOUTH AFRICA

MOSSEL	2205z	04	Oct	2023	0.7m	Threat
PORT ELIZABETH	2302z	04	Oct	2023	0.6m	Threat
GEORGE	0021z	05	Oct	2023	0.6m	Threat
HANKEY	0214z	05	Oct	2023	0.5m	Threat
KAYSERS BEACH	0324z	05	Oct	2023	0.6m	Threat
ALEXANDRIA	0406z	05	Oct	2023	0.5m	Threat
PORT DURNFORD	0410z	05	Oct	2023	0.6m	Threat
MANDI	0444z	05	Oct	2023	0.5m	Threat

SRI LANKA

AKKARAI PATTU	0547z	04	Oct	2023	3.5m	Threat
OKANDA	0548z	04	Oct	2023	1.8m	Threat
BATTICALOA	0548z	04	Oct	2023	5.3m	Threat
KIRINDA	0551z	04	Oct	2023	6.0m	Threat
POTTUVIL	0551z	04	Oct	2023	4.2m	Threat
ANAITIVU	0551z	04	Oct	2023	3.1m	Threat
PANKULAM	0555z	04	Oct	2023	4.3m	Threat
KATTANKUDI	0556z	04	Oct	2023	6.0m	Threat
MULLAITTIVU	0603z	04	Oct	2023	4.6m	Threat
MATARA	0603z	04	Oct	2023	2.7m	Threat
TANGALLE	0605z	04	Oct	2023	2.2m	Threat
HAMBANTOTA	0608z	04	Oct	2023	5.2m	Threat
GALLE	0613z	04	Oct	2023	3.1m	Threat
AMBALANGODA	0616z	04	Oct	2023	1.9m	Threat
CHUNDIKKULAM	0619z	04	Oct	2023	3.6m	Threat
BERUWALA	0621z	04	Oct	2023	1.6m	Threat
MORATUWA	0627z	04	Oct	2023	1.8m	Threat
CHAVAKACHCHERI	0630z	04	Oct	2023	3.6m	Threat
COLOMBO	0634z	04	Oct	2023	3.0m	Threat
POINT PEDRO	0635z	04	Oct	2023	3.2m	Threat
NEGOMBO	0636z	04	Oct	2023	1.4m	Threat
MUNDAL LAKE	0644z	04	Oct	2023	1.4m	Threat
MANNAR ISLAND	0652z	04	Oct	2023	1.6m	Threat
MUSALI	0708z	04	Oct	2023	1.3m	Threat

TANZANIA

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MADANGWA                1259z  04 Oct 2023 0.9m  Threat
VUMBA                   1303z  04 Oct 2023 1.0m  Threat
JIMBO                   1314z  04 Oct 2023 0.9m  Threat
KUTANI                  1320z  04 Oct 2023 0.8m  Threat
SONGO SONGO ISLAND     1321z  04 Oct 2023 1.0m  Threat
VUMBI                   1323z  04 Oct 2023 0.6m  Threat
ZANZIBAR                1333z  04 Oct 2023 0.8m  Threat
MSASANI                 1353z  04 Oct 2023 0.9m  Threat
RUVU                    1419z  04 Oct 2023 1.1m  Threat
BAGAMOYO                1521z  04 Oct 2023 0.8m  Threat
WEST TO KONDE          1525z  04 Oct 2023 0.8m  Threat
BOMALANDNI             2057z  04 Oct 2023 0.6m  Threat

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THAILAND

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THAI MUEANG             0528z  04 Oct 2023 3.4m  Threat
KO RACHA NOI            0535z  04 Oct 2023 3.0m  Threat
KOH SURIN TAI           0539z  04 Oct 2023 2.7m  Threat
THAI MUEANG_TAKUA PA   0609z  04 Oct 2023 2.9m  Threat
KOH LANTA YAI           0612z  04 Oct 2023 2.4m  Threat
KOH ROK                 0617z  04 Oct 2023 1.9m  Threat
MUEANG SATUN           0623z  04 Oct 2023 1.6m  Threat
KOH TARUTAO            0711z  04 Oct 2023 2.3m  Threat

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UNITED ARAB EMIRATES

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KALBA                   0326z  05 Oct 2023 0.7m  Threat

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UNITED KINGDOM

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MORESBY ISLAND          0736z  04 Oct 2023 4.2m  Threat
DIEGO GARCIA            0743z  04 Oct 2023 1.5m  Threat
NW EGMONT ISLAND       0810z  04 Oct 2023 0.7m  Threat

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YEMEN

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DAMQAWT                1126z  04 Oct 2023 1.0m  Threat
AL GHAYDAH AIRPORT     1139z  04 Oct 2023 1.8m  Threat
SOCOTRA ISLAND SOUTH   1147z  04 Oct 2023 1.8m  Threat
SOCOTRA ISLAND NORTH   1247z  04 Oct 2023 1.0m  Threat
MASILAH WADI           1325z  04 Oct 2023 0.7m  Threat
HUSWAYN                1330z  04 Oct 2023 1.8m  Threat
HAMI                   1333z  04 Oct 2023 0.8m  Threat
AL MUKALLA             1359z  04 Oct 2023 1.1m  Threat
KHANFAR               1447z  04 Oct 2023 0.9m  Threat
ALQUMRAH              1508z  04 Oct 2023 1.0m  Threat
HARRAH                1917z  04 Oct 2023 0.7m  Threat
EAST TO HAMI           2116z  04 Oct 2023 0.7m  Threat
MAALLAH               2301z  04 Oct 2023 1.0m  Threat
SOCOTRA ISLAND WEST    2349z  04 Oct 2023 0.7m  Threat

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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.

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 IOTWMS-TSP INDIA for this event as more information becomes available.

OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:
IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>
IOTWMS-TSP INDONESIA: <http://inatews.bmkg.gov.id>

6. CONTACT INFORMATION

IOTWMS-TSP INDIA:
INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address: "ocean valley", Pragathi Nagar (Bo), Nizampet (So),
Hyderabad - 500 090, India
Phone: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT

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BULLETIN 9

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# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
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TSUNAMI BULLETIN NUMBER 9 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 1000 UTC WEDNESDAY 04 OCTOBER 2023

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

This bulletin applies to areas within and bordering the Indian Ocean.

It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
Campbell Bay (INDIA)	7.00N	93.93E	0428z	04 Oct 2023	6.0m
Sabang (INDONESIA)	5.83N	95.33E	0429z	04 Oct 2023	3.6m
Portblair (INDIA)	11.6N	92.77E	0439z	04 Oct 2023	3.6m
DART 23227 (INDIA)	6.25N	88.88E	0441z	04 Oct 2023	2.6m
Nancowry (INDIA)	8.05N	93.55E	0508z	04 Oct 2023	8.4m
Meulaboh (INDONESIA)	4.13N	96.13E	0514z	04 Oct 2023	9.1m
Trinconmalee (SRILANKA)	8.56N	81.20E	0557z	04 Oct 2023	4.8m
Enggano (INDONESIA)	5.35S	102.28E	0612z	04 Oct 2023	0.9m
Chennai (INDIA)	13.1N	80.30E	0620z	04 Oct 2023	6.0m
Visakhapatnam (INDIA)	17.6N	83.28E	0629z	04 Oct 2023	3.9m
Colombo (SRILANKA)	6.95N	79.85E	0632z	04 Oct 2023	3.9m
Hanimaadhoo (MALDIVE ISLANDS)	6.77N	73.17E	0718z	04 Oct 2023	4.6m
Minicoy (INDIA)	8.28N	73.05E	0724z	04 Oct 2023	2.0m
Diego Garcia (UK)	7.29S	72.39E	0739z	04 Oct 2023	3.1m
Sadeng (INDONESIA)	8.19S	110.80E	0747z	04 Oct 2023	0.8m
Cuddalore (INDIA)	11.7N	79.75E	0801z	04 Oct 2023	4.3m
Cochin (INDIA)	9.97N	76.27E	0817z	04 Oct 2023	2.4m
Benoa (INDONESIA)	8.75S	115.22E	0831z	04 Oct 2023	0.4m
Point Murat (AUSTRALIA)	21.8S	114.19E	0924z	04 Oct 2023	1.0m
Marmagao (INDIA)	15.4N	73.80E	0948z	04 Oct 2023	1.5m
Rodrigue (MAURITIUS)	19.6S	63.42E	0950z	04 Oct 2023	3.2m

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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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.

AUSTRALIA

PILBARA COAST WEST	1037z	04	Oct	2023	0.8m	Threat
GASCOYNE COAST	1441z	04	Oct	2023	0.9m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1446z	04	Oct	2023	1.1m	Threat
PILBARA COAST EAST	1501z	04	Oct	2023	0.9m	Threat
GERALDTON COAST	1517z	04	Oct	2023	1.0m	Threat
BUNBURY GEOGRAPHE COAST	1518z	04	Oct	2023	0.8m	Threat
NINGALOO COAST	1609z	04	Oct	2023	0.6m	Threat
LEEUVIN COAST	1642z	04	Oct	2023	0.8m	Threat
LANCELIN COAST	2301z	04	Oct	2023	0.6m	Threat
ALBANY COAST	0221z	05	Oct	2023	0.6m	Threat
WEST KIMBERLY COAST	0324z	05	Oct	2023	0.6m	Threat
PERTH COAST	0431z	05	Oct	2023	0.7m	Threat

BANGLADESH

COXS BAZAR	0733z	04	Oct	2023	1.8m	Threat
KUTUBDIA ISLAND	0753z	04	Oct	2023	1.7m	Threat
BARGUNA	0759z	04	Oct	2023	2.0m	Threat
CHALNA	0941z	04	Oct	2023	1.1m	Threat

COMOROS

CHEZANI	1442z	04	Oct	2023	0.7m	Threat
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DJIBOUTI

NW ARTA	1412z	04	Oct	2023	0.7m	Threat
MUHAMMAD ALI BIN FATHA SUMANA	0419z	05	Oct	2023	0.5m	Threat

FRANCE

ILE KERGUELEN	1444z	04	Oct	2023	1.7m	Threat
CROZET PLATEAU	1546z	04	Oct	2023	0.6m	Threat
ILE DE LA POSSESSION	2025z	04	Oct	2023	0.7m	Threat

INDIA

KOMATRA & KATCHAL ISLAND	0402z	04	Oct	2023	9.6m	Threat
INDIRA POINT	0402z	04	Oct	2023	12.5m	Threat
CAR NICOBAR	0404z	04	Oct	2023	6.9m	Threat
LITTLE ANDAMAN	0433z	04	Oct	2023	9.6m	Threat
PORT BLAIR	0446z	04	Oct	2023	7.2m	Threat
NORTH SENTINEL ISLAND	0449z	04	Oct	2023	3.3m	Threat
HAVELOCK	0456z	04	Oct	2023	3.5m	Threat
BARREN ISLAND	0505z	04	Oct	2023	0.7m	Threat
RANGATH BAY	0509z	04	Oct	2023	3.4m	Threat
DIGLIPUR	0515z	04	Oct	2023	2.2m	Threat
FLAT ISLAND	0522z	04	Oct	2023	2.6m	Threat
WEST & LANDFALL ISLAND	0523z	04	Oct	2023	2.1m	Threat
NARCONDAM ISLAND	0552z	04	Oct	2023	0.6m	Threat
MARAKKANAM	0617z	04	Oct	2023	5.5m	Threat
PUDUCHERRY	0619z	04	Oct	2023	7.1m	Threat
CUDDALORE	0620z	04	Oct	2023	4.7m	Threat
POOMBUHAR	0621z	04	Oct	2023	4.2m	Threat
ENNORE	0622z	04	Oct	2023	5.0m	Threat
KAKINADA	0623z	04	Oct	2023	2.9m	Threat
MAHABALIPURAM	0625z	04	Oct	2023	5.4m	Threat
MACHILIPATNAM	0625z	04	Oct	2023	3.0m	Threat
SRIHARIKOTA	0627z	04	Oct	2023	4.2m	Threat
PERUPALEM	0628z	04	Oct	2023	2.1m	Threat
CHENNAI	0629z	04	Oct	2023	5.9m	Threat
NAGAPATTINAM	0630z	04	Oct	2023	4.2m	Threat
KARAIKAL	0632z	04	Oct	2023	3.6m	Threat

NIJAMPATTANAM	0633z	04	Oct	2023	3.1m	Threat
PURI	0638z	04	Oct	2023	2.8m	Threat
MALLIPATTINAM	0638z	04	Oct	2023	3.0m	Threat
MUTHUPET	0638z	04	Oct	2023	3.1m	Threat
KOTTAPATNAM	0639z	04	Oct	2023	3.4m	Threat
VISAKHAPATNAM	0639z	04	Oct	2023	3.0m	Threat
PARADIP	0639z	04	Oct	2023	1.7m	Threat
KALINGAPATNAM	0640z	04	Oct	2023	3.4m	Threat
KONADA	0640z	04	Oct	2023	2.5m	Threat
GOPALPUR	0648z	04	Oct	2023	2.7m	Threat
JAMBOO	0656z	04	Oct	2023	1.8m	Threat
RAMESWARAM	0700z	04	Oct	2023	1.6m	Threat
TUTICORIN	0702z	04	Oct	2023	2.1m	Threat
KOTTAIPPATTANAM	0703z	04	Oct	2023	1.5m	Threat
KOODANKULAM	0718z	04	Oct	2023	1.6m	Threat
KANYAKUMARI	0726z	04	Oct	2023	2.8m	Threat
HEMNAGAR	0729z	04	Oct	2023	1.2m	Threat
QUILON	0731z	04	Oct	2023	1.0m	Threat
DHAMRA	0734z	04	Oct	2023	1.7m	Threat
NAMKHANA	0736z	04	Oct	2023	1.3m	Threat
TRIVANDRUM	0737z	04	Oct	2023	1.8m	Threat
DIGHA	0742z	04	Oct	2023	2.0m	Threat
ALLEPPEY ALAPPUZHA	0746z	04	Oct	2023	1.4m	Threat
CHANDIPUR	0749z	04	Oct	2023	1.6m	Threat
KAVARATTI	0823z	04	Oct	2023	0.5m	Threat
AGATTI	0844z	04	Oct	2023	0.7m	Threat
VADANAPPALLY	1040z	04	Oct	2023	1.0m	Threat
COCHIN	1043z	04	Oct	2023	1.3m	Threat
MALVAN BAY	1051z	04	Oct	2023	0.7m	Threat
KARWAR	1052z	04	Oct	2023	1.1m	Threat
UDUPI	1102z	04	Oct	2023	0.9m	Threat
BEYPORE	1110z	04	Oct	2023	1.0m	Threat
KANNUR	1115z	04	Oct	2023	1.0m	Threat
MAHE	1121z	04	Oct	2023	0.9m	Threat
JAIGARH	1245z	04	Oct	2023	0.7m	Threat
KASARAGOD	1300z	04	Oct	2023	1.2m	Threat
VAKKAD	1318z	04	Oct	2023	1.0m	Threat
VASCO	1332z	04	Oct	2023	0.7m	Threat
PANAJI	1457z	04	Oct	2023	0.8m	Threat
MANGALORE	1851z	04	Oct	2023	0.9m	Threat
TARAPUR	2246z	04	Oct	2023	0.5m	Threat
HAZIRA, DIU	0003z	05	Oct	2023	0.6m	Threat
BHARUCH	0029z	05	Oct	2023	0.6m	Threat
HAZIRA	0032z	05	Oct	2023	0.6m	Threat
ALIBAG PORT	0227z	05	Oct	2023	0.5m	Threat
KHAMBAT	0325z	05	Oct	2023	0.6m	Threat
DWARKA	0333z	05	Oct	2023	0.6m	Threat
INDONESIA						

NAD ACEH-JAYA	0420z	04	Oct	2023	6.1m	Threat
NAD ACEH-BESAR P.BREUEH	0421z	04	Oct	2023	7.6m	Threat
NAD KOTA-BANDA-ACEH	0423z	04	Oct	2023	9.4m	Threat
NAD ACEH-BESAR B	0423z	04	Oct	2023	10.1m	Threat
NAD KOTA-SABANG P.WEH	0427z	04	Oct	2023	3.9m	Threat
NAD ACEH-BESAR P.PENASI	0429z	04	Oct	2023	5.9m	Threat
NAD ACEH-BARAT	0438z	04	Oct	2023	3.0m	Threat
NAD SIMEULUE P.SIMEULUE	0441z	04	Oct	2023	3.4m	Threat
NAD ACEH-BESAR U	0441z	04	Oct	2023	2.0m	Threat
NAD PIDIE	0445z	04	Oct	2023	1.8m	Threat
NAD NAGAN-RAYA	0449z	04	Oct	2023	4.1m	Threat
NAD BIREUEN	0456z	04	Oct	2023	1.9m	Threat
SUMUT NIAS B	0457z	04	Oct	2023	2.1m	Threat
GUNUNGSITOLI	0457z	04	Oct	2023	2.0m	Threat
NAD ACEH-BARAT-DAYA	0500z	04	Oct	2023	3.2m	Threat
NAD ACEH-SELATAN U	0500z	04	Oct	2023	2.3m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500z	04	Oct	2023	2.1m	Threat
NAD ACEH-UTARA B	0504z	04	Oct	2023	1.7m	Threat

NAD KOTA-LHOKSEUMAWA	0505z	04	Oct	2023	1.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	0506z	04	Oct	2023	1.6m	Threat
NAD ACEH-SELATAN S	0513z	04	Oct	2023	2.5m	Threat
SUMUT NIAS-SELATAN P.TANABALA	0514z	04	Oct	2023	1.4m	Threat
NAD ACEH-UTARA T	0515z	04	Oct	2023	2.9m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0519z	04	Oct	2023	1.4m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0523z	04	Oct	2023	1.5m	Threat
NAD ACEH-TIMUR	0534z	04	Oct	2023	2.7m	Threat
NAD ACEH-SINGKIL	0603z	04	Oct	2023	1.6m	Threat
SUMUT TAPANULI-TENGAH U	0626z	04	Oct	2023	2.1m	Threat
MUARASIBERUT	0627z	04	Oct	2023	2.6m	Threat
NAD KOTA-LANGSA	0637z	04	Oct	2023	2.3m	Threat
SUMUT TAPANULI-SELATAN	0642z	04	Oct	2023	1.2m	Threat
NAD ACEH-TAMIANG	0658z	04	Oct	2023	1.3m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0659z	04	Oct	2023	3.2m	Threat
NIAS	0738z	04	Oct	2023	1.5m	Threat
SUMUT LANGKAT	0741z	04	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0748z	04	Oct	2023	1.5m	Threat
NIAS-EAST	0805z	04	Oct	2023	1.4m	Threat
BELAWAN	0806z	04	Oct	2023	1.4m	Threat
SUMUT DELISERDANG	0814z	04	Oct	2023	1.7m	Threat
SUMUT SERDANG-BEDAGAI	0819z	04	Oct	2023	1.6m	Threat
SUMUT ASAHAN	0836z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0908z	04	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	0934z	04	Oct	2023	1.6m	Threat
JATENG CILACAP	1000z	04	Oct	2023	0.7m	Threat
BANTEN KOTA-CILEGON	1011z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1012z	04	Oct	2023	0.7m	Threat
BANTEN SERANG B	1012z	04	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	1016z	04	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	1017z	04	Oct	2023	0.6m	Threat
NIAS-NORTH	1046z	04	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL U	1047z	04	Oct	2023	1.4m	Threat
SUMUT MANDAILING-NATAL S	1051z	04	Oct	2023	0.9m	Threat
SOUTH OF BODAHAYIONE	1102z	04	Oct	2023	1.2m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1107z	04	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	1107z	04	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	1115z	04	Oct	2023	1.2m	Threat
LABUHAN BATU	1147z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS B	1147z	04	Oct	2023	0.8m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1154z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	1217z	04	Oct	2023	0.9m	Threat
ROKAN HILIR	1237z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1238z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1311z	04	Oct	2023	0.9m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1328z	04	Oct	2023	1.0m	Threat
SUMBAR AGAM	1332z	04	Oct	2023	1.2m	Threat
BENGKULU KAUR	1336z	04	Oct	2023	0.9m	Threat
BENGKULU SELUMA	1342z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1345z	04	Oct	2023	0.7m	Threat
JABAR CIANJUR SINDANGBARANG	1348z	04	Oct	2023	0.8m	Threat
DUMAI	1350z	04	Oct	2023	0.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	1351z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG P.PANAITAN	1351z	04	Oct	2023	1.3m	Threat
JABAR TASIKMALAYA	1354z	04	Oct	2023	1.0m	Threat
BENGKULU MUKOMUKO	1358z	04	Oct	2023	1.0m	Threat
JABAR GARUT	1409z	04	Oct	2023	0.8m	Threat
DIY BANTUL	1442z	04	Oct	2023	0.7m	Threat
DIY GUNUNG-KIDUL	1443z	04	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	1445z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG S	1454z	04	Oct	2023	0.8m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1520z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1525z	04	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	1527z	04	Oct	2023	0.8m	Threat
LAMPUNG TANGGAMUS P.TABUAN	1540z	04	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN S	1646z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	1708z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG S	1709z	04	Oct	2023	0.8m	Threat

SUMBAR PESISIR-SELATAN U	1711z	04	Oct	2023	0.7m	Threat
MURASAI BI	1723z	04	Oct	2023	0.7m	Threat
NTB SUMBAWA S	1800z	04	Oct	2023	0.6m	Threat
MUARASIGEP	1833z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN U	1835z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN S	1859z	04	Oct	2023	0.7m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1905z	04	Oct	2023	0.6m	Threat
JATENG KEBUMEN	1915z	04	Oct	2023	0.6m	Threat
SUMBAR KOTA-PARIAMAN	1926z	04	Oct	2023	0.7m	Threat
JATIM BLITAR	1949z	04	Oct	2023	0.5m	Threat
BALI DENPASAR PANTAI-SANUR	2022z	04	Oct	2023	0.7m	Threat
NTB LOMBOK-TIMUR S	2133z	04	Oct	2023	0.6m	Threat
NTB LOMBOK-TENGAH	2203z	04	Oct	2023	0.8m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	2205z	04	Oct	2023	0.7m	Threat
JATIM PACITAN	2305z	04	Oct	2023	0.7m	Threat
NTB KOTA-BIMA S	2316z	04	Oct	2023	0.5m	Threat
DIY KULON-PROGO	2337z	04	Oct	2023	0.6m	Threat
JATIM TRENGGALEK	2347z	04	Oct	2023	0.6m	Threat
JATIM JEMBER P.NUSABARUNG	2352z	04	Oct	2023	0.6m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0001z	05	Oct	2023	0.5m	Threat
JATENG WONOGIRI	0002z	05	Oct	2023	0.8m	Threat
JABAR CIAMIS	0021z	05	Oct	2023	0.7m	Threat
BALI TABANAN	0027z	05	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0051z	05	Oct	2023	0.6m	Threat
JATIM JEMBER	0214z	05	Oct	2023	0.6m	Threat
BANTEN LEBAK	0306z	05	Oct	2023	0.7m	Threat
JATIM MALANG	0309z	05	Oct	2023	0.5m	Threat
BALI BADUNG PANTAI-KUTA	0345z	05	Oct	2023	0.6m	Threat
IRAN						

PUSHT	1617z	04	Oct	2023	0.7m	Threat
MISKI	0355z	05	Oct	2023	0.6m	Threat
KENYA						

KIWAYU	1224z	04	Oct	2023	1.3m	Threat
KIPINI	1246z	04	Oct	2023	1.4m	Threat
KISIMACHANDE	1248z	04	Oct	2023	1.1m	Threat
MALINDI	1251z	04	Oct	2023	1.5m	Threat
MVULENI	1541z	04	Oct	2023	0.9m	Threat
MADAGASCAR						

VOHEMAR	1157z	04	Oct	2023	1.1m	Threat
TOAMASINA AIRPORT	1227z	04	Oct	2023	1.1m	Threat
AMBAHY	1233z	04	Oct	2023	1.0m	Threat
TAMPOLO	1236z	04	Oct	2023	1.1m	Threat
MANANTENINA	1251z	04	Oct	2023	1.0m	Threat
FARAFAGANA	1448z	04	Oct	2023	0.5m	Threat
GLORIOSO ISLANDS	1511z	04	Oct	2023	0.9m	Threat
SAMPONA	1624z	04	Oct	2023	0.9m	Threat
ANOROTSANGANA	1805z	04	Oct	2023	0.7m	Threat
BALY	2054z	04	Oct	2023	0.7m	Threat
AMBANJA	0414z	05	Oct	2023	0.6m	Threat
MALAYSIA						

SATUN	0721z	04	Oct	2023	1.1m	Threat
YAN	0727z	04	Oct	2023	1.3m	Threat
WEST OF ALOR SETAR	0741z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI UTARA & BARAT DAYA	0756z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI SELATAN	0758z	04	Oct	2023	1.3m	Threat
KUALA MUDA	0804z	04	Oct	2023	1.3m	Threat
KERIAN	0818z	04	Oct	2023	1.3m	Threat
LARUT AND MATANG	0828z	04	Oct	2023	1.4m	Threat
MANJUNG	0842z	04	Oct	2023	1.5m	Threat
HILIR PERAK	1107z	04	Oct	2023	1.1m	Threat

SABAK BERNAM	1139z	04	Oct	2023	1.0m	Threat
KUALA SELANGOR	1155z	04	Oct	2023	1.1m	Threat
KUALA LANGAT	1225z	04	Oct	2023	0.9m	Threat
PORT DICKSON	1750z	04	Oct	2023	0.7m	Threat
SEPANG	2255z	04	Oct	2023	0.6m	Threat

MALDIVES

MALE	0711z	04	Oct	2023	4.3m	Threat
KOLHUFUSHI	0713z	04	Oct	2023	3.6m	Threat
DHIYAMIGILI	0714z	04	Oct	2023	6.6m	Threat
KULHUDUFFUSHI	0717z	04	Oct	2023	4.2m	Threat
THINADHOO	0719z	04	Oct	2023	3.1m	Threat
HITHADHOO	0720z	04	Oct	2023	1.9m	Threat
GOIDHOO	0726z	04	Oct	2023	2.3m	Threat
FERIDHOO	0732z	04	Oct	2023	2.0m	Threat
NILANDHOO	0734z	04	Oct	2023	2.8m	Threat

MAURITIUS

LA FERME	1013z	04	Oct	2023	1.6m	Threat
CARGADOS CARAJOS	1106z	04	Oct	2023	1.1m	Threat
GRANDE REVIERE SUD EST-EAST	1212z	04	Oct	2023	0.7m	Threat

MOZAMBIQUE

MAGANJA	1319z	04	Oct	2023	1.3m	Threat
MERONVI	1424z	04	Oct	2023	1.3m	Threat
LUMBO	1539z	04	Oct	2023	1.0m	Threat
MOGINCUAL	1646z	04	Oct	2023	0.8m	Threat
TAVARI	1700z	04	Oct	2023	0.8m	Threat
QUITERAJO	1720z	04	Oct	2023	1.0m	Threat
MAGUEMBA	1742z	04	Oct	2023	0.8m	Threat
NANGATA	1903z	04	Oct	2023	0.7m	Threat
PEMBA	1913z	04	Oct	2023	0.8m	Threat
MOEBASE	0140z	05	Oct	2023	0.5m	Threat

MYANMAR

GREAT WESTERN TORRES ISLAND	0534z	04	Oct	2023	2.3m	Threat
LORD LOUGHBOROUGH ISLAND	0534z	04	Oct	2023	2.2m	Threat
THAN KYUN	0538z	04	Oct	2023	2.3m	Threat
LITTLE COCO ISLAND	0540z	04	Oct	2023	1.6m	Threat
PREPARIS ISLAND	0548z	04	Oct	2023	1.0m	Threat
CHEDUBA ISLAND	0632z	04	Oct	2023	1.9m	Threat
SITTWE	0659z	04	Oct	2023	1.5m	Threat
MALI KYUN	0701z	04	Oct	2023	1.7m	Threat
MAGYIGYAING	0702z	04	Oct	2023	1.7m	Threat
THAWINCHAUNG	0705z	04	Oct	2023	1.3m	Threat
KYAUKPYU	0706z	04	Oct	2023	1.9m	Threat
PHARPON	0708z	04	Oct	2023	1.7m	Threat
YE	0739z	04	Oct	2023	1.4m	Threat
YANGON-S	0742z	04	Oct	2023	1.1m	Threat
KYWEGYAUNG	0843z	04	Oct	2023	2.0m	Threat
MAWYEN	0854z	04	Oct	2023	1.9m	Threat

OMAN

MIRBAT	1232z	04	Oct	2023	0.6m	Threat
SALALAH	1238z	04	Oct	2023	1.1m	Threat
TAQAH	1259z	04	Oct	2023	0.9m	Threat
HASIK	1328z	04	Oct	2023	0.8m	Threat
AD DUQM	1551z	04	Oct	2023	0.8m	Threat
AL ASHKHARAH	1609z	04	Oct	2023	0.7m	Threat
RAS AR RUWAYS	1616z	04	Oct	2023	0.8m	Threat
EAST MUSANDAM	0329z	05	Oct	2023	0.6m	Threat
MASIRAH	0432z	05	Oct	2023	0.6m	Threat
SUR	0434z	05	Oct	2023	0.6m	Threat

IOC Technical Series, 181 (I) Supplement 1
page 200

MUSCAT	0454z	05	Oct	2023	0.5m	Threat
PAKISTAN						

WINDER	1950z	04	Oct	2023	0.7m	Threat
ORMARA	2137z	04	Oct	2023	0.7m	Threat
SINDH	0420z	05	Oct	2023	0.7m	Threat
SEYCHELLES						

FREGATE ISLAND	1025z	04	Oct	2023	1.3m	Threat
TAKAMAKA	1142z	04	Oct	2023	1.0m	Threat
SOMALIA						

BANDER-BEYLA	1111z	04	Oct	2023	2.2m	Threat
TOOXIN	1118z	04	Oct	2023	2.0m	Threat
EYL	1119z	04	Oct	2023	1.8m	Threat
GALDOGOB	1121z	04	Oct	2023	2.0m	Threat
JARIIBAN	1122z	04	Oct	2023	1.6m	Threat
MAREEG	1131z	04	Oct	2023	1.9m	Threat
ITALA	1132z	04	Oct	2023	1.3m	Threat
CEEL DHEER	1132z	04	Oct	2023	2.1m	Threat
XARARDHEERE	1133z	04	Oct	2023	2.5m	Threat
UARSCIECH	1135z	04	Oct	2023	1.4m	Threat
MUQDISHO	1141z	04	Oct	2023	1.4m	Threat
ABO	1151z	04	Oct	2023	1.2m	Threat
BARAAWE	1156z	04	Oct	2023	1.0m	Threat
JILIB	1200z	04	Oct	2023	1.1m	Threat
NE BEERNAASI	1208z	04	Oct	2023	1.5m	Threat
KAAMBOONI	1215z	04	Oct	2023	1.0m	Threat
QANDALA	2357z	04	Oct	2023	0.5m	Threat
SOUTH AFRICA						

MOSSEL	2205z	04	Oct	2023	0.7m	Threat
PORT ELIZABETH	2302z	04	Oct	2023	0.6m	Threat
GEORGE	0021z	05	Oct	2023	0.6m	Threat
HANKEY	0214z	05	Oct	2023	0.5m	Threat
KAYSERS BEACH	0324z	05	Oct	2023	0.6m	Threat
ALEXANDRIA	0406z	05	Oct	2023	0.5m	Threat
PORT DURNFORD	0410z	05	Oct	2023	0.6m	Threat
MANDI	0444z	05	Oct	2023	0.5m	Threat
SRI LANKA						

AKKARAI PATTU	0547z	04	Oct	2023	3.5m	Threat
OKANDA	0548z	04	Oct	2023	1.8m	Threat
BATTICALOA	0548z	04	Oct	2023	5.3m	Threat
KIRINDA	0551z	04	Oct	2023	6.0m	Threat
POTTUVIL	0551z	04	Oct	2023	4.2m	Threat
ANAITIVU	0551z	04	Oct	2023	3.1m	Threat
PANKULAM	0555z	04	Oct	2023	4.3m	Threat
KATTANKUDI	0556z	04	Oct	2023	6.0m	Threat
MULLAITTIVU	0603z	04	Oct	2023	4.6m	Threat
MATARA	0603z	04	Oct	2023	2.7m	Threat
TANGALLE	0605z	04	Oct	2023	2.2m	Threat
HAMBANTOTA	0608z	04	Oct	2023	5.2m	Threat
GALLE	0613z	04	Oct	2023	3.1m	Threat
AMBALANGODA	0616z	04	Oct	2023	1.9m	Threat
CHUNDIKKULAM	0619z	04	Oct	2023	3.6m	Threat
BERUWALA	0621z	04	Oct	2023	1.6m	Threat
MORATUWA	0627z	04	Oct	2023	1.8m	Threat
CHAVAKACHCHERI	0630z	04	Oct	2023	3.6m	Threat
COLOMBO	0634z	04	Oct	2023	3.0m	Threat
POINT PEDRO	0635z	04	Oct	2023	3.2m	Threat
NEGOMBO	0636z	04	Oct	2023	1.4m	Threat
MUNDAL LAKE	0644z	04	Oct	2023	1.4m	Threat

MANNAR ISLAND	0652z	04	Oct	2023	1.6m	Threat
MUSALI	0708z	04	Oct	2023	1.3m	Threat
TANZANIA						

MADANGWA	1259z	04	Oct	2023	0.9m	Threat
VUMBA	1303z	04	Oct	2023	1.0m	Threat
JIMBO	1314z	04	Oct	2023	0.9m	Threat
KUTANI	1320z	04	Oct	2023	0.8m	Threat
SONGO SONGO ISLAND	1321z	04	Oct	2023	1.0m	Threat
VUMBI	1323z	04	Oct	2023	0.6m	Threat
ZANZIBAR	1333z	04	Oct	2023	0.8m	Threat
MSASANI	1353z	04	Oct	2023	0.9m	Threat
RUVU	1419z	04	Oct	2023	1.1m	Threat
BAGAMOYO	1521z	04	Oct	2023	0.8m	Threat
WEST TO KONDE	1525z	04	Oct	2023	0.8m	Threat
BOMALANDNI	2057z	04	Oct	2023	0.6m	Threat
THAILAND						

THAI MUEANG	0528z	04	Oct	2023	3.4m	Threat
KO RACHA NOI	0535z	04	Oct	2023	3.0m	Threat
KOH SURIN TAI	0539z	04	Oct	2023	2.7m	Threat
THAI MUEANG_TAKUA PA	0609z	04	Oct	2023	2.9m	Threat
KOH LANTA YAI	0612z	04	Oct	2023	2.4m	Threat
KOH ROK	0617z	04	Oct	2023	1.9m	Threat
MUEANG SATUN	0623z	04	Oct	2023	1.6m	Threat
KOH TARUTAO	0711z	04	Oct	2023	2.3m	Threat
UNITED ARAB EMIRATES						

KALBA	0326z	05	Oct	2023	0.7m	Threat
UNITED KINGDOM						

MORESBY ISLAND	0736z	04	Oct	2023	4.2m	Threat
DIEGO GARCIA	0743z	04	Oct	2023	1.5m	Threat
NW EGMONT ISLAND	0810z	04	Oct	2023	0.7m	Threat
YEMEN						

DAMQAWT	1126z	04	Oct	2023	1.0m	Threat
AL GHAYDAH AIRPORT	1139z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND SOUTH	1147z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND NORTH	1247z	04	Oct	2023	1.0m	Threat
MASILAH WADI	1325z	04	Oct	2023	0.7m	Threat
HUSWAYN	1330z	04	Oct	2023	1.8m	Threat
HAMI	1333z	04	Oct	2023	0.8m	Threat
AL MUKALLA	1359z	04	Oct	2023	1.1m	Threat
KHANFAR	1447z	04	Oct	2023	0.9m	Threat
ALQUMRAH	1508z	04	Oct	2023	1.0m	Threat
HARRAH	1917z	04	Oct	2023	0.7m	Threat
EAST TO HAMI	2116z	04	Oct	2023	0.7m	Threat
MAALLAH	2301z	04	Oct	2023	1.0m	Threat
SOCOTRA ISLAND WEST	2349z	04	Oct	2023	0.7m	Threat

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.

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 IOTWMS-TSP INDIA for this event as more information becomes available.

OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:
IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>
IOTWMS-TSP INDONESIA: <http://inatews.bmkg.gov.id>

6. CONTACT INFORMATION

IOTWMS-TSP INDIA:
INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address: "ocean valley", Pragathi Nagar (Bo), Nizampet (So),
Hyderabad - 500 090, India
Phone: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT

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BULLETIN 10

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# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
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TSUNAMI BULLETIN NUMBER 10 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 1100 UTC WEDNESDAY 04 OCTOBER 2023

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

This bulletin applies to areas within and bordering the Indian Ocean.

It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
Campbell Bay (INDIA)	7.00N	93.93E	0428z	04 Oct 2023	6.0m
Sabang (INDONESIA)	5.83N	95.33E	0429z	04 Oct 2023	3.6m
Portblair (INDIA)	11.6N	92.77E	0439z	04 Oct 2023	3.6m
DART 23227 (INDIA)	6.25N	88.88E	0441z	04 Oct 2023	2.6m
Nancowry (INDIA)	8.05N	93.55E	0508z	04 Oct 2023	8.4m
Meulaboh (INDONESIA)	4.13N	96.13E	0514z	04 Oct 2023	9.1m
Trinconmalee (SRILANKA)	8.56N	81.20E	0557z	04 Oct 2023	4.8m
Enggano (INDONESIA)	5.35S	102.28E	0612z	04 Oct 2023	0.9m
Chennai (INDIA)	13.1N	80.30E	0620z	04 Oct 2023	6.0m
Visakhapatnam (INDIA)	17.6N	83.28E	0629z	04 Oct 2023	3.9m
Colombo (SRILANKA)	6.95N	79.85E	0632z	04 Oct 2023	3.9m
Hanimaadhoo (MALDIVE ISLANDS)	6.77N	73.17E	0718z	04 Oct 2023	4.6m
Minicoy (INDIA)	8.28N	73.05E	0724z	04 Oct 2023	2.0m
Diego Garcia (UK)	7.29S	72.39E	0739z	04 Oct 2023	3.1m
Sadeng (INDONESIA)	8.19S	110.80E	0747z	04 Oct 2023	0.8m
Cuddalore (INDIA)	11.7N	79.75E	0801z	04 Oct 2023	4.3m
Cochin (INDIA)	9.97N	76.27E	0817z	04 Oct 2023	2.4m
Benoa (INDONESIA)	8.75S	115.22E	0831z	04 Oct 2023	0.4m
Point Murat (AUSTRALIA)	21.8S	114.19E	0924z	04 Oct 2023	1.0m
Marmagao (INDIA)	15.4N	73.80E	0948z	04 Oct 2023	1.5m
Rodrigue (MAURITIUS)	19.6S	63.42E	0950z	04 Oct 2023	3.2m
Agalega (MAURITIUS)	10.3S	56.59E	1019z	04 Oct 2023	1.3m
Chittagong (BANGLADESH)	22.2N	91.82E	1044z	04 Oct 2023	2.8m
Salalah (OMAN)	16.9N	54.01E	1052z	04 Oct 2023	1.7m

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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the

IOC Technical Series, 181 (I) Supplement 1
page 204

threshold amplitude 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.

AUSTRALIA

PILBARA COAST WEST 1037z 04 Oct 2023 0.8m Threat
GASCOYNE COAST 1441z 04 Oct 2023 0.9m Threat
HEARD ISLAND AND MCDONALD ISLANDS 1446z 04 Oct 2023 1.1m Threat
PILBARA COAST EAST 1501z 04 Oct 2023 0.9m Threat
GERALDTON COAST 1517z 04 Oct 2023 1.0m Threat
BUNBURY GEOGRAPHE COAST 1518z 04 Oct 2023 0.8m Threat
NINGALOO COAST 1609z 04 Oct 2023 0.6m Threat
LEEUWIN COAST 1642z 04 Oct 2023 0.8m Threat
LANCELIN COAST 2301z 04 Oct 2023 0.6m Threat
ALBANY COAST 0221z 05 Oct 2023 0.6m Threat
WEST KIMBERLY COAST 0324z 05 Oct 2023 0.6m Threat
PERTH COAST 0431z 05 Oct 2023 0.7m Threat

BANGLADESH

COXS BAZAR 0733z 04 Oct 2023 1.8m Threat
KUTUBDIA ISLAND 0753z 04 Oct 2023 1.7m Threat
BARGUNA 0759z 04 Oct 2023 2.0m Threat
CHALNA 0941z 04 Oct 2023 1.1m Threat

COMOROS

CHEZANI 1442z 04 Oct 2023 0.7m Threat

DJIBOUTI

NW ARTA 1412z 04 Oct 2023 0.7m Threat
MUHAMMAD ALI BIN FATHA SUMANA 0419z 05 Oct 2023 0.5m Threat

FRANCE

ILE KERGUELEN 1444z 04 Oct 2023 1.7m Threat
CROZET PLATEAU 1546z 04 Oct 2023 0.6m Threat
ILE DE LA POSSESSION 2025z 04 Oct 2023 0.7m Threat

INDIA

KOMATRA & KATCHAL ISLAND 0402z 04 Oct 2023 9.6m Threat
INDIRA POINT 0402z 04 Oct 2023 12.5m Threat
CAR NICOBAR 0404z 04 Oct 2023 6.9m Threat
LITTLE ANDAMAN 0433z 04 Oct 2023 9.6m Threat
PORT BLAIR 0446z 04 Oct 2023 7.2m Threat
NORTH SENTINEL ISLAND 0449z 04 Oct 2023 3.3m Threat
HAVELOCK 0456z 04 Oct 2023 3.5m Threat
BARREN ISLAND 0505z 04 Oct 2023 0.7m Threat
RANGATH BAY 0509z 04 Oct 2023 3.4m Threat
DIGLIPUR 0515z 04 Oct 2023 2.2m Threat
FLAT ISLAND 0522z 04 Oct 2023 2.6m Threat
WEST & LANDFALL ISLAND 0523z 04 Oct 2023 2.1m Threat
NARCONDAM ISLAND 0552z 04 Oct 2023 0.6m Threat
MARAKKANAM 0617z 04 Oct 2023 5.5m Threat
PUDUCHERRY 0619z 04 Oct 2023 7.1m Threat
CUDDALORE 0620z 04 Oct 2023 4.7m Threat
POOMBUHAR 0621z 04 Oct 2023 4.2m Threat
ENNORE 0622z 04 Oct 2023 5.0m Threat
KAKINADA 0623z 04 Oct 2023 2.9m Threat
MAHABALIPURAM 0625z 04 Oct 2023 5.4m Threat
MACHILIPATNAM 0625z 04 Oct 2023 3.0m Threat
SRIHARIKOTA 0627z 04 Oct 2023 4.2m Threat
PERUPALEM 0628z 04 Oct 2023 2.1m Threat
CHENNAI 0629z 04 Oct 2023 5.9m Threat

NAGAPATTINAM	0630z	04	Oct	2023	4.2m	Threat
KARAIKAL	0632z	04	Oct	2023	3.6m	Threat
NIJAMPATTANAM	0633z	04	Oct	2023	3.1m	Threat
PURI	0638z	04	Oct	2023	2.8m	Threat
MALLIPATTINAM	0638z	04	Oct	2023	3.0m	Threat
MUTHUPET	0638z	04	Oct	2023	3.1m	Threat
KOTTAPATNAM	0639z	04	Oct	2023	3.4m	Threat
VISAKHAPATNAM	0639z	04	Oct	2023	3.0m	Threat
PARADIP	0639z	04	Oct	2023	1.7m	Threat
KALINGAPATNAM	0640z	04	Oct	2023	3.4m	Threat
KONADA	0640z	04	Oct	2023	2.5m	Threat
GOPALPUR	0648z	04	Oct	2023	2.7m	Threat
JAMBOO	0656z	04	Oct	2023	1.8m	Threat
RAMESWARAM	0700z	04	Oct	2023	1.6m	Threat
TUTICORIN	0702z	04	Oct	2023	2.1m	Threat
KOTTAIPPATTANAM	0703z	04	Oct	2023	1.5m	Threat
KOODANKULAM	0718z	04	Oct	2023	1.6m	Threat
KANYAKUMARI	0726z	04	Oct	2023	2.8m	Threat
HEMNAGAR	0729z	04	Oct	2023	1.2m	Threat
QUILON	0731z	04	Oct	2023	1.0m	Threat
DHAMRA	0734z	04	Oct	2023	1.7m	Threat
NAMKHANA	0736z	04	Oct	2023	1.3m	Threat
TRIVANDRUM	0737z	04	Oct	2023	1.8m	Threat
DIGHA	0742z	04	Oct	2023	2.0m	Threat
ALLEPPEY ALAPPUZHA	0746z	04	Oct	2023	1.4m	Threat
CHANDIPUR	0749z	04	Oct	2023	1.6m	Threat
KAVARATTI	0823z	04	Oct	2023	0.5m	Threat
AGATTI	0844z	04	Oct	2023	0.7m	Threat
VADANAPPALLY	1040z	04	Oct	2023	1.0m	Threat
COCHIN	1043z	04	Oct	2023	1.3m	Threat
MALVAN BAY	1051z	04	Oct	2023	0.7m	Threat
KARWAR	1052z	04	Oct	2023	1.1m	Threat
UDUPI	1102z	04	Oct	2023	0.9m	Threat
BEYPORE	1110z	04	Oct	2023	1.0m	Threat
KANNUR	1115z	04	Oct	2023	1.0m	Threat
MAHE	1121z	04	Oct	2023	0.9m	Threat
JAIGARH	1245z	04	Oct	2023	0.7m	Threat
KASARAGOD	1300z	04	Oct	2023	1.2m	Threat
VAKKAD	1318z	04	Oct	2023	1.0m	Threat
VASCO	1332z	04	Oct	2023	0.7m	Threat
PANAJI	1457z	04	Oct	2023	0.8m	Threat
MANGALORE	1851z	04	Oct	2023	0.9m	Threat
TARAPUR	2246z	04	Oct	2023	0.5m	Threat
HAZIRA, DIU	0003z	05	Oct	2023	0.6m	Threat
BHARUCH	0029z	05	Oct	2023	0.6m	Threat
HAZIRA	0032z	05	Oct	2023	0.6m	Threat
ALIBAG PORT	0227z	05	Oct	2023	0.5m	Threat
KHAMBAT	0325z	05	Oct	2023	0.6m	Threat
DWARKA	0333z	05	Oct	2023	0.6m	Threat

INDONESIA

NAD ACEH-JAYA	0420z	04	Oct	2023	6.1m	Threat
NAD ACEH-BESAR P.BREUEH	0421z	04	Oct	2023	7.6m	Threat
NAD KOTA-BANDA-ACEH	0423z	04	Oct	2023	9.4m	Threat
NAD ACEH-BESAR B	0423z	04	Oct	2023	10.1m	Threat
NAD KOTA-SABANG P.WEH	0427z	04	Oct	2023	3.9m	Threat
NAD ACEH-BESAR P.PENASI	0429z	04	Oct	2023	5.9m	Threat
NAD ACEH-BARAT	0438z	04	Oct	2023	3.0m	Threat
NAD SIMEULUE P.SIMEULUE	0441z	04	Oct	2023	3.4m	Threat
NAD ACEH-BESAR U	0441z	04	Oct	2023	2.0m	Threat
NAD PIDIE	0445z	04	Oct	2023	1.8m	Threat
NAD NAGAN-RAYA	0449z	04	Oct	2023	4.1m	Threat
NAD BIREUEN	0456z	04	Oct	2023	1.9m	Threat
SUMUT NIAS B	0457z	04	Oct	2023	2.1m	Threat
GUNUNGSITOLI	0457z	04	Oct	2023	2.0m	Threat
NAD ACEH-BARAT-DAYA	0500z	04	Oct	2023	3.2m	Threat
NAD ACEH-SELATAN U	0500z	04	Oct	2023	2.3m	Threat

NAD ACEH-SINGKIL KEP.BANYAK	0500z	04	Oct	2023	2.1m	Threat
NAD ACEH-UTARA B	0504z	04	Oct	2023	1.7m	Threat
NAD KOTA-LHOKSEUMAWA	0505z	04	Oct	2023	1.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	0506z	04	Oct	2023	1.6m	Threat
NAD ACEH-SELATAN S	0513z	04	Oct	2023	2.5m	Threat
SUMUT NIAS-SELATAN P.TANABALA	0514z	04	Oct	2023	1.4m	Threat
NAD ACEH-UTARA T	0515z	04	Oct	2023	2.9m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0519z	04	Oct	2023	1.4m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0523z	04	Oct	2023	1.5m	Threat
NAD ACEH-TIMUR	0534z	04	Oct	2023	2.7m	Threat
NAD ACEH-SINGKIL	0603z	04	Oct	2023	1.6m	Threat
SUMUT TAPANULI-TENGAH U	0626z	04	Oct	2023	2.1m	Threat
MUARASIBERUT	0627z	04	Oct	2023	2.6m	Threat
NAD KOTA-LANGSA	0637z	04	Oct	2023	2.3m	Threat
SUMUT TAPANULI-SELATAN	0642z	04	Oct	2023	1.2m	Threat
NAD ACEH-TAMIANG	0658z	04	Oct	2023	1.3m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0659z	04	Oct	2023	3.2m	Threat
NIAS	0738z	04	Oct	2023	1.5m	Threat
SUMUT LANGKAT	0741z	04	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0748z	04	Oct	2023	1.5m	Threat
NIAS-EAST	0805z	04	Oct	2023	1.4m	Threat
BELAWAN	0806z	04	Oct	2023	1.4m	Threat
SUMUT DELISERDANG	0814z	04	Oct	2023	1.7m	Threat
SUMUT SERDANG-BEDAGAI	0819z	04	Oct	2023	1.6m	Threat
SUMUT ASAHAN	0836z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0908z	04	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	0934z	04	Oct	2023	1.6m	Threat
JATENG CILACAP	1000z	04	Oct	2023	0.7m	Threat
BANTEN KOTA-CILEGON	1011z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1012z	04	Oct	2023	0.7m	Threat
BANTEN SERANG B	1012z	04	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	1016z	04	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	1017z	04	Oct	2023	0.6m	Threat
NIAS-NORTH	1046z	04	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL U	1047z	04	Oct	2023	1.4m	Threat
SUMUT MANDAILING-NATAL S	1051z	04	Oct	2023	0.9m	Threat
SOUTH OF BODAHAYIONE	1102z	04	Oct	2023	1.2m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1107z	04	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	1107z	04	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	1115z	04	Oct	2023	1.2m	Threat
LABUHAN BATU	1147z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS B	1147z	04	Oct	2023	0.8m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1154z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	1217z	04	Oct	2023	0.9m	Threat
ROKAN HILIR	1237z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1238z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1311z	04	Oct	2023	0.9m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1328z	04	Oct	2023	1.0m	Threat
SUMBAR AGAM	1332z	04	Oct	2023	1.2m	Threat
BENGKULU KAUR	1336z	04	Oct	2023	0.9m	Threat
BENGKULU SELUMA	1342z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1345z	04	Oct	2023	0.7m	Threat
JABAR CIANJUR SINDANGBARANG	1348z	04	Oct	2023	0.8m	Threat
DUMAI	1350z	04	Oct	2023	0.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	1351z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG P.PANAITAN	1351z	04	Oct	2023	1.3m	Threat
JABAR TASIKMALAYA	1354z	04	Oct	2023	1.0m	Threat
BENGKULU MUKOMUKO	1358z	04	Oct	2023	1.0m	Threat
JABAR GARUT	1409z	04	Oct	2023	0.8m	Threat
DIY BANTUL	1442z	04	Oct	2023	0.7m	Threat
DIY GUNUNG-KIDUL	1443z	04	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	1445z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG S	1454z	04	Oct	2023	0.8m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1520z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1525z	04	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	1527z	04	Oct	2023	0.8m	Threat
LAMPUNG TANGGAMUS P.TABUAN	1540z	04	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN S	1646z	04	Oct	2023	0.9m	Threat

SUMBAR KOTA-PADANG U	1708z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG S	1709z	04	Oct	2023	0.8m	Threat
SUMBAR PESISIR-SELATAN U	1711z	04	Oct	2023	0.7m	Threat
MURASAI BI	1723z	04	Oct	2023	0.7m	Threat
NTB SUMBAWA S	1800z	04	Oct	2023	0.6m	Threat
MUARASIGEP	1833z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN U	1835z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN S	1859z	04	Oct	2023	0.7m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1905z	04	Oct	2023	0.6m	Threat
JATENG KEBUMEN	1915z	04	Oct	2023	0.6m	Threat
SUMBAR KOTA-PARIAMAN	1926z	04	Oct	2023	0.7m	Threat
JATIM BLITAR	1949z	04	Oct	2023	0.5m	Threat
BALI DENPASAR PANTAI-SANUR	2022z	04	Oct	2023	0.7m	Threat
NTB LOMBOK-TIMUR S	2133z	04	Oct	2023	0.6m	Threat
NTB LOMBOK-TENGAH	2203z	04	Oct	2023	0.8m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	2205z	04	Oct	2023	0.7m	Threat
JATIM PACITAN	2305z	04	Oct	2023	0.7m	Threat
NTB KOTA-BIMA S	2316z	04	Oct	2023	0.5m	Threat
DIY KULON-PROGO	2337z	04	Oct	2023	0.6m	Threat
JATIM TRENGGALEK	2347z	04	Oct	2023	0.6m	Threat
JATIM JEMBER P.NUSABARUNG	2352z	04	Oct	2023	0.6m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0001z	05	Oct	2023	0.5m	Threat
JATENG WONOGIRI	0002z	05	Oct	2023	0.8m	Threat
JABAR CIAMIS	0021z	05	Oct	2023	0.7m	Threat
BALI TABANAN	0027z	05	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0051z	05	Oct	2023	0.6m	Threat
JATIM JEMBER	0214z	05	Oct	2023	0.6m	Threat
BANTEN LEBAK	0306z	05	Oct	2023	0.7m	Threat
JATIM MALANG	0309z	05	Oct	2023	0.5m	Threat
BALI BADUNG PANTAI-KUTA	0345z	05	Oct	2023	0.6m	Threat

IRAN

PUSHT	1617z	04	Oct	2023	0.7m	Threat
MISKI	0355z	05	Oct	2023	0.6m	Threat

KENYA

KIWAYU	1224z	04	Oct	2023	1.3m	Threat
KIPI NI	1246z	04	Oct	2023	1.4m	Threat
KISIMACHANDE	1248z	04	Oct	2023	1.1m	Threat
MALINDI	1251z	04	Oct	2023	1.5m	Threat
MVULENI	1541z	04	Oct	2023	0.9m	Threat

MADAGASCAR

VOHEMAR	1157z	04	Oct	2023	1.1m	Threat
TOAMASINA AIRPORT	1227z	04	Oct	2023	1.1m	Threat
AMBAHY	1233z	04	Oct	2023	1.0m	Threat
TAMPOLO	1236z	04	Oct	2023	1.1m	Threat
MANANTENINA	1251z	04	Oct	2023	1.0m	Threat
FARAFAGANA	1448z	04	Oct	2023	0.5m	Threat
GLORIOSO ISLANDS	1511z	04	Oct	2023	0.9m	Threat
SAMPONA	1624z	04	Oct	2023	0.9m	Threat
ANOROTSANGANA	1805z	04	Oct	2023	0.7m	Threat
BALY	2054z	04	Oct	2023	0.7m	Threat
AMBANJA	0414z	05	Oct	2023	0.6m	Threat

MALAYSIA

SATUN	0721z	04	Oct	2023	1.1m	Threat
YAN	0727z	04	Oct	2023	1.3m	Threat
WEST OF ALOR SETAR	0741z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI UTARA & BARAT DAYA	0756z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI SELATAN	0758z	04	Oct	2023	1.3m	Threat
KUALA MUDA	0804z	04	Oct	2023	1.3m	Threat
KERIAN	0818z	04	Oct	2023	1.3m	Threat
LARUT AND MATANG	0828z	04	Oct	2023	1.4m	Threat

MANJUNG	0842z	04	Oct	2023	1.5m	Threat
HILIR PERAK	1107z	04	Oct	2023	1.1m	Threat
SABAK BERNAM	1139z	04	Oct	2023	1.0m	Threat
KUALA SELANGOR	1155z	04	Oct	2023	1.1m	Threat
KUALA LANGAT	1225z	04	Oct	2023	0.9m	Threat
PORT DICKSON	1750z	04	Oct	2023	0.7m	Threat
SEPANG	2255z	04	Oct	2023	0.6m	Threat

MALDIVES

MALE	0711z	04	Oct	2023	4.3m	Threat
KOLHUFUSHI	0713z	04	Oct	2023	3.6m	Threat
DHIYAMIGILI	0714z	04	Oct	2023	6.6m	Threat
KULHUDUFFUSHI	0717z	04	Oct	2023	4.2m	Threat
THINADHOO	0719z	04	Oct	2023	3.1m	Threat
HITHADHOO	0720z	04	Oct	2023	1.9m	Threat
GOIDHOO	0726z	04	Oct	2023	2.3m	Threat
FERIDHOO	0732z	04	Oct	2023	2.0m	Threat
NILANDHOO	0734z	04	Oct	2023	2.8m	Threat

MAURITIUS

LA FERME	1013z	04	Oct	2023	1.6m	Threat
CARGADOS CARAJOS	1106z	04	Oct	2023	1.1m	Threat
GRANDE REVIERE SUD EST-EAST	1212z	04	Oct	2023	0.7m	Threat

MOZAMBIQUE

MAGANJA	1319z	04	Oct	2023	1.3m	Threat
MERONVI	1424z	04	Oct	2023	1.3m	Threat
LUMBO	1539z	04	Oct	2023	1.0m	Threat
MOGINCUAL	1646z	04	Oct	2023	0.8m	Threat
TAVARI	1700z	04	Oct	2023	0.8m	Threat
QUITERAJO	1720z	04	Oct	2023	1.0m	Threat
MAGUEMBA	1742z	04	Oct	2023	0.8m	Threat
NANGATA	1903z	04	Oct	2023	0.7m	Threat
PEMBA	1913z	04	Oct	2023	0.8m	Threat
MOEBASE	0140z	05	Oct	2023	0.5m	Threat

MYANMAR

GREAT WESTERN TORRES ISLAND	0534z	04	Oct	2023	2.3m	Threat
LORD LOUGHBOROUGH ISLAND	0534z	04	Oct	2023	2.2m	Threat
THAN KYUN	0538z	04	Oct	2023	2.3m	Threat
LITTLE COCO ISLAND	0540z	04	Oct	2023	1.6m	Threat
PREPARIS ISLAND	0548z	04	Oct	2023	1.0m	Threat
CHEDEBA ISLAND	0632z	04	Oct	2023	1.9m	Threat
SITTWE	0659z	04	Oct	2023	1.5m	Threat
MALI KYUN	0701z	04	Oct	2023	1.7m	Threat
MAGYIGYAING	0702z	04	Oct	2023	1.7m	Threat
THAWINCHAUNG	0705z	04	Oct	2023	1.3m	Threat
KYAUKPYU	0706z	04	Oct	2023	1.9m	Threat
PHARPON	0708z	04	Oct	2023	1.7m	Threat
YE	0739z	04	Oct	2023	1.4m	Threat
YANGON-S	0742z	04	Oct	2023	1.1m	Threat
KYWEGYAUNG	0843z	04	Oct	2023	2.0m	Threat
MAWYEN	0854z	04	Oct	2023	1.9m	Threat

OMAN

MIRBAT	1232z	04	Oct	2023	0.6m	Threat
SALALAH	1238z	04	Oct	2023	1.1m	Threat
TAQAH	1259z	04	Oct	2023	0.9m	Threat
HASIK	1328z	04	Oct	2023	0.8m	Threat
AD DUQM	1551z	04	Oct	2023	0.8m	Threat
AL ASHKHARAH	1609z	04	Oct	2023	0.7m	Threat
RAS AR RUWAYS	1616z	04	Oct	2023	0.8m	Threat
EAST MUSANDAM	0329z	05	Oct	2023	0.6m	Threat

MASIRAH	0432z	05	Oct	2023	0.6m	Threat
SUR	0434z	05	Oct	2023	0.6m	Threat
MUSCAT	0454z	05	Oct	2023	0.5m	Threat
PAKISTAN						

WINDER	1950z	04	Oct	2023	0.7m	Threat
ORMARA	2137z	04	Oct	2023	0.7m	Threat
SINDH	0420z	05	Oct	2023	0.7m	Threat
SEYCHELLES						

FREGATE ISLAND	1025z	04	Oct	2023	1.3m	Threat
TAKAMAKA	1142z	04	Oct	2023	1.0m	Threat
SOMALIA						

BANDER-BEYLA	1111z	04	Oct	2023	2.2m	Threat
TOOXIN	1118z	04	Oct	2023	2.0m	Threat
EYL	1119z	04	Oct	2023	1.8m	Threat
GALDOGOB	1121z	04	Oct	2023	2.0m	Threat
JARIIBAN	1122z	04	Oct	2023	1.6m	Threat
MAREEG	1131z	04	Oct	2023	1.9m	Threat
ITALA	1132z	04	Oct	2023	1.3m	Threat
CEEL DHEER	1132z	04	Oct	2023	2.1m	Threat
XARARDHEERE	1133z	04	Oct	2023	2.5m	Threat
UARSCIECH	1135z	04	Oct	2023	1.4m	Threat
MUQDISHO	1141z	04	Oct	2023	1.4m	Threat
ABO	1151z	04	Oct	2023	1.2m	Threat
BARAAWE	1156z	04	Oct	2023	1.0m	Threat
JILIB	1200z	04	Oct	2023	1.1m	Threat
NE BEERNAASI	1208z	04	Oct	2023	1.5m	Threat
KAAMBOONI	1215z	04	Oct	2023	1.0m	Threat
QANDALA	2357z	04	Oct	2023	0.5m	Threat
SOUTH AFRICA						

MOSSEL	2205z	04	Oct	2023	0.7m	Threat
PORT ELIZABETH	2302z	04	Oct	2023	0.6m	Threat
GEORGE	0021z	05	Oct	2023	0.6m	Threat
HANKEY	0214z	05	Oct	2023	0.5m	Threat
KAYSERS BEACH	0324z	05	Oct	2023	0.6m	Threat
ALEXANDRIA	0406z	05	Oct	2023	0.5m	Threat
PORT DURNFORD	0410z	05	Oct	2023	0.6m	Threat
MANDI	0444z	05	Oct	2023	0.5m	Threat
SRI LANKA						

AKKARAI PATTU	0547z	04	Oct	2023	3.5m	Threat
OKANDA	0548z	04	Oct	2023	1.8m	Threat
BATTICALOA	0548z	04	Oct	2023	5.3m	Threat
KIRINDA	0551z	04	Oct	2023	6.0m	Threat
POTTUVIL	0551z	04	Oct	2023	4.2m	Threat
ANAITIVU	0551z	04	Oct	2023	3.1m	Threat
PANKULAM	0555z	04	Oct	2023	4.3m	Threat
KATTANKUDI	0556z	04	Oct	2023	6.0m	Threat
MULLAITTIVU	0603z	04	Oct	2023	4.6m	Threat
MATARA	0603z	04	Oct	2023	2.7m	Threat
TANGALLE	0605z	04	Oct	2023	2.2m	Threat
HAMBANTOTA	0608z	04	Oct	2023	5.2m	Threat
GALLE	0613z	04	Oct	2023	3.1m	Threat
AMBALANGODA	0616z	04	Oct	2023	1.9m	Threat
CHUNDIKKULAM	0619z	04	Oct	2023	3.6m	Threat
BERUWALA	0621z	04	Oct	2023	1.6m	Threat
MORATUWA	0627z	04	Oct	2023	1.8m	Threat
CHAVAKACHCHERI	0630z	04	Oct	2023	3.6m	Threat
COLOMBO	0634z	04	Oct	2023	3.0m	Threat
POINT PEDRO	0635z	04	Oct	2023	3.2m	Threat

IOC Technical Series, 181 (I) Supplement 1
page 210

NEGOMBO	0636z	04	Oct	2023	1.4m	Threat
MUNDAL LAKE	0644z	04	Oct	2023	1.4m	Threat
MANNAR ISLAND	0652z	04	Oct	2023	1.6m	Threat
MUSALI	0708z	04	Oct	2023	1.3m	Threat

TANZANIA

MADANGWA	1259z	04	Oct	2023	0.9m	Threat
VUMBA	1303z	04	Oct	2023	1.0m	Threat
JIMBO	1314z	04	Oct	2023	0.9m	Threat
KUTANI	1320z	04	Oct	2023	0.8m	Threat
SONGO SONGO ISLAND	1321z	04	Oct	2023	1.0m	Threat
VUMBI	1323z	04	Oct	2023	0.6m	Threat
ZANZIBAR	1333z	04	Oct	2023	0.8m	Threat
MSASANI	1353z	04	Oct	2023	0.9m	Threat
RUVU	1419z	04	Oct	2023	1.1m	Threat
BAGAMOYO	1521z	04	Oct	2023	0.8m	Threat
WEST TO KONDE	1525z	04	Oct	2023	0.8m	Threat
BOMALANDNI	2057z	04	Oct	2023	0.6m	Threat

THAILAND

THAI MUEANG	0528z	04	Oct	2023	3.4m	Threat
KO RACHA NOI	0535z	04	Oct	2023	3.0m	Threat
KOH SURIN TAI	0539z	04	Oct	2023	2.7m	Threat
THAI MUEANG TAKUA PA	0609z	04	Oct	2023	2.9m	Threat
KOH LANTA YAI	0612z	04	Oct	2023	2.4m	Threat
KOH ROK	0617z	04	Oct	2023	1.9m	Threat
MUEANG SATUN	0623z	04	Oct	2023	1.6m	Threat
KOH TARUTAO	0711z	04	Oct	2023	2.3m	Threat

UNITED ARAB EMIRATES

KALBA	0326z	05	Oct	2023	0.7m	Threat
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UNITED KINGDOM

MORESBY ISLAND	0736z	04	Oct	2023	4.2m	Threat
DIEGO GARCIA	0743z	04	Oct	2023	1.5m	Threat
NW EGMONT ISLAND	0810z	04	Oct	2023	0.7m	Threat

YEMEN

DAMQAWT	1126z	04	Oct	2023	1.0m	Threat
AL GHAYDAH AIRPORT	1139z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND SOUTH	1147z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND NORTH	1247z	04	Oct	2023	1.0m	Threat
MASILAH WADI	1325z	04	Oct	2023	0.7m	Threat
HUSWAYN	1330z	04	Oct	2023	1.8m	Threat
HAMI	1333z	04	Oct	2023	0.8m	Threat
AL MUKALLA	1359z	04	Oct	2023	1.1m	Threat
KHANFAR	1447z	04	Oct	2023	0.9m	Threat
ALQUMRAH	1508z	04	Oct	2023	1.0m	Threat
HARRAH	1917z	04	Oct	2023	0.7m	Threat
EAST TO HAMI	2116z	04	Oct	2023	0.7m	Threat
MAALLAH	2301z	04	Oct	2023	1.0m	Threat
SOCOTRA ISLAND WEST	2349z	04	Oct	2023	0.7m	Threat

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.

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 IOTWMS-TSP INDIA for this event as more information becomes available.

OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:
IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>
IOTWMS-TSP INDONESIA: <http://inatews.bmkg.gov.id>

6. CONTACT INFORMATION

IOTWMS-TSP INDIA:
INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address: "ocean valley", Pragathi Nagar (Bo), Nizampet (So),
Hyderabad - 500 090, India
Phone: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT

#####

BULLETIN 11

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT
#####

TSUNAMI BULLETIN NUMBER 11 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 1200 UTC WEDNESDAY 04 OCTOBER 2023

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

This bulletin applies to areas within and bordering the Indian Ocean.

It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400UTC
Latitude: 7.20N
Longitude: 92.9E
Location: NICOBAR, INDIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
Campbell Bay (INDIA)	7.00N	93.93E	0428z	04 Oct 2023	6.0m
Sabang (INDONESIA)	5.83N	95.33E	0429z	04 Oct 2023	3.6m
Portblair (INDIA)	11.6N	92.77E	0439z	04 Oct 2023	3.6m
DART 23227 (INDIA)	6.25N	88.88E	0441z	04 Oct 2023	2.6m
Nancowry (INDIA)	8.05N	93.55E	0508z	04 Oct 2023	8.4m
Meulaboh (INDONESIA)	4.13N	96.13E	0514z	04 Oct 2023	9.1m
Trincomalee (SRILANKA)	8.56N	81.20E	0557z	04 Oct 2023	4.8m
Enggano (INDONESIA)	5.35S	102.28E	0612z	04 Oct 2023	0.9m
Chennai (INDIA)	13.1N	80.30E	0620z	04 Oct 2023	6.0m
Visakhapatnam (INDIA)	17.6N	83.28E	0629z	04 Oct 2023	3.9m
Colombo (SRILANKA)	6.95N	79.85E	0632z	04 Oct 2023	3.9m
Hanimaadhoo (MALDIVE ISLANDS)	6.77N	73.17E	0718z	04 Oct 2023	4.6m
Minicoy (INDIA)	8.28N	73.05E	0724z	04 Oct 2023	2.0m
Diego Garcia (UK)	7.29S	72.39E	0739z	04 Oct 2023	3.1m
Sadeng (INDONESIA)	8.19S	110.80E	0747z	04 Oct 2023	0.8m
Cuddalore (INDIA)	11.7N	79.75E	0801z	04 Oct 2023	4.3m
Cochin (INDIA)	9.97N	76.27E	0817z	04 Oct 2023	2.4m
Benoa (INDONESIA)	8.75S	115.22E	0831z	04 Oct 2023	0.4m
Point Murat (AUSTRALIA)	21.8S	114.19E	0924z	04 Oct 2023	1.0m
Marmagao (INDIA)	15.4N	73.80E	0948z	04 Oct 2023	1.5m
Rodrigue (MAURITIUS)	19.6S	63.42E	0950z	04 Oct 2023	3.2m
Agalega (MAURITIUS)	10.3S	56.59E	1019z	04 Oct 2023	1.3m
Chittagong (BANGLADESH)	22.2N	91.82E	1044z	04 Oct 2023	2.8m
Salalah (OMAN)	16.9N	54.01E	1052z	04 Oct 2023	1.7m
Veeraval (INDIA)	20.9N	70.37E	1104z	04 Oct 2023	0.4m
Muscat (OMAN)	23.6N	58.57E	1105z	04 Oct 2023	0.8m
Jask (IRAN)	25.6N	57.77E	1130z	04 Oct 2023	0.4m

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted

for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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.

AUSTRALIA

PILBARA COAST WEST	1037z	04	Oct	2023	0.8m	Threat
GASCOYNE COAST	1441z	04	Oct	2023	0.9m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1446z	04	Oct	2023	1.1m	Threat
PILBARA COAST EAST	1501z	04	Oct	2023	0.9m	Threat
GERALDTON COAST	1517z	04	Oct	2023	1.0m	Threat
BUNBURY GEOGRAPHE COAST	1518z	04	Oct	2023	0.8m	Threat
NINGALOO COAST	1609z	04	Oct	2023	0.6m	Threat
LEEUWIN COAST	1642z	04	Oct	2023	0.8m	Threat
LANCELIN COAST	2301z	04	Oct	2023	0.6m	Threat
ALBANY COAST	0221z	05	Oct	2023	0.6m	Threat
WEST KIMBERLY COAST	0324z	05	Oct	2023	0.6m	Threat
PERTH COAST	0431z	05	Oct	2023	0.7m	Threat

BANGLADESH

COXS BAZAR	0733z	04	Oct	2023	1.8m	Threat
KUTUBDIA ISLAND	0753z	04	Oct	2023	1.7m	Threat
BARGUNA	0759z	04	Oct	2023	2.0m	Threat
CHALNA	0941z	04	Oct	2023	1.1m	Threat

COMOROS

CHEZANI	1442z	04	Oct	2023	0.7m	Threat
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DJIBOUTI

NW ARTA	1412z	04	Oct	2023	0.7m	Threat
MUHAMMAD ALI BIN FATHA SUMANA	0419z	05	Oct	2023	0.5m	Threat

FRANCE

ILE KERGUELEN	1444z	04	Oct	2023	1.7m	Threat
CROZET PLATEAU	1546z	04	Oct	2023	0.6m	Threat
ILE DE LA POSSESSION	2025z	04	Oct	2023	0.7m	Threat

INDIA

KOMATRA & KATCHAL ISLAND	0402z	04	Oct	2023	9.6m	Threat
INDIRA POINT	0402z	04	Oct	2023	12.5m	Threat
CAR NICOBAR	0404z	04	Oct	2023	6.9m	Threat
LITTLE ANDAMAN	0433z	04	Oct	2023	9.6m	Threat
PORT BLAIR	0446z	04	Oct	2023	7.2m	Threat
NORTH SENTINEL ISLAND	0449z	04	Oct	2023	3.3m	Threat
HAVELOCK	0456z	04	Oct	2023	3.5m	Threat
BARREN ISLAND	0505z	04	Oct	2023	0.7m	Threat
RANGATH BAY	0509z	04	Oct	2023	3.4m	Threat
DIGLIPUR	0515z	04	Oct	2023	2.2m	Threat
FLAT ISLAND	0522z	04	Oct	2023	2.6m	Threat
WEST & LANDFALL ISLAND	0523z	04	Oct	2023	2.1m	Threat
NARCONDAM ISLAND	0552z	04	Oct	2023	0.6m	Threat
MARAKKANAM	0617z	04	Oct	2023	5.5m	Threat
PUDUCHERRY	0619z	04	Oct	2023	7.1m	Threat
CUDDALORE	0620z	04	Oct	2023	4.7m	Threat
POOMBUHAR	0621z	04	Oct	2023	4.2m	Threat
ENNORE	0622z	04	Oct	2023	5.0m	Threat
KAKINADA	0623z	04	Oct	2023	2.9m	Threat
MAHABALIPURAM	0625z	04	Oct	2023	5.4m	Threat
MACHILIPATNAM	0625z	04	Oct	2023	3.0m	Threat
SRIHARIKOTA	0627z	04	Oct	2023	4.2m	Threat
PERUPALEM	0628z	04	Oct	2023	2.1m	Threat

CHENNAI	0629z	04	Oct	2023	5.9m	Threat
NAGAPATTINAM	0630z	04	Oct	2023	4.2m	Threat
KARAIKAL	0632z	04	Oct	2023	3.6m	Threat
NIJAMPATTANAM	0633z	04	Oct	2023	3.1m	Threat
PURI	0638z	04	Oct	2023	2.8m	Threat
MALLIPATTINAM	0638z	04	Oct	2023	3.0m	Threat
MUTHUPET	0638z	04	Oct	2023	3.1m	Threat
KOTTAPATNAM	0639z	04	Oct	2023	3.4m	Threat
VISAKHAPATNAM	0639z	04	Oct	2023	3.0m	Threat
PARADIP	0639z	04	Oct	2023	1.7m	Threat
KALINGAPATNAM	0640z	04	Oct	2023	3.4m	Threat
KONADA	0640z	04	Oct	2023	2.5m	Threat
GOPALPUR	0648z	04	Oct	2023	2.7m	Threat
JAMBOO	0656z	04	Oct	2023	1.8m	Threat
RAMESWARAM	0700z	04	Oct	2023	1.6m	Threat
TUTICORIN	0702z	04	Oct	2023	2.1m	Threat
KOTTAIPPATTANAM	0703z	04	Oct	2023	1.5m	Threat
KOODANKULAM	0718z	04	Oct	2023	1.6m	Threat
KANYAKUMARI	0726z	04	Oct	2023	2.8m	Threat
HEMNAGAR	0729z	04	Oct	2023	1.2m	Threat
QUILON	0731z	04	Oct	2023	1.0m	Threat
DHAMRA	0734z	04	Oct	2023	1.7m	Threat
NAMKHANA	0736z	04	Oct	2023	1.3m	Threat
TRIVANDRUM	0737z	04	Oct	2023	1.8m	Threat
DIGHA	0742z	04	Oct	2023	2.0m	Threat
ALLEPPEY ALAPPUZHA	0746z	04	Oct	2023	1.4m	Threat
CHANDIPUR	0749z	04	Oct	2023	1.6m	Threat
KAVARATTI	0823z	04	Oct	2023	0.5m	Threat
AGATTI	0844z	04	Oct	2023	0.7m	Threat
VADANAPPALLY	1040z	04	Oct	2023	1.0m	Threat
COCHIN	1043z	04	Oct	2023	1.3m	Threat
MALVAN BAY	1051z	04	Oct	2023	0.7m	Threat
KARWAR	1052z	04	Oct	2023	1.1m	Threat
UDUPI	1102z	04	Oct	2023	0.9m	Threat
BEYPORE	1110z	04	Oct	2023	1.0m	Threat
KANNUR	1115z	04	Oct	2023	1.0m	Threat
MAHE	1121z	04	Oct	2023	0.9m	Threat
JAIGARH	1245z	04	Oct	2023	0.7m	Threat
KASARAGOD	1300z	04	Oct	2023	1.2m	Threat
VAKKAD	1318z	04	Oct	2023	1.0m	Threat
VASCO	1332z	04	Oct	2023	0.7m	Threat
PANAJI	1457z	04	Oct	2023	0.8m	Threat
MANGALORE	1851z	04	Oct	2023	0.9m	Threat
TARAPUR	2246z	04	Oct	2023	0.5m	Threat
HAZIRA, DIU	0003z	05	Oct	2023	0.6m	Threat
BHARUCH	0029z	05	Oct	2023	0.6m	Threat
HAZIRA	0032z	05	Oct	2023	0.6m	Threat
ALIBAG PORT	0227z	05	Oct	2023	0.5m	Threat
KHAMBAT	0325z	05	Oct	2023	0.6m	Threat
DWARKA	0333z	05	Oct	2023	0.6m	Threat
INDONESIA						

NAD ACEH-JAYA	0420z	04	Oct	2023	6.1m	Threat
NAD ACEH-BESAR P.BREUEH	0421z	04	Oct	2023	7.6m	Threat
NAD KOTA-BANDA-ACEH	0423z	04	Oct	2023	9.4m	Threat
NAD ACEH-BESAR B	0423z	04	Oct	2023	10.1m	Threat
NAD KOTA-SABANG P.WEH	0427z	04	Oct	2023	3.9m	Threat
NAD ACEH-BESAR P.PENASI	0429z	04	Oct	2023	5.9m	Threat
NAD ACEH-BARAT	0438z	04	Oct	2023	3.0m	Threat
NAD SIMEULUE P.SIMEULUE	0441z	04	Oct	2023	3.4m	Threat
NAD ACEH-BESAR U	0441z	04	Oct	2023	2.0m	Threat
NAD PIDIE	0445z	04	Oct	2023	1.8m	Threat
NAD NAGAN-RAYA	0449z	04	Oct	2023	4.1m	Threat
NAD BIREUEN	0456z	04	Oct	2023	1.9m	Threat
SUMUT NIAS B	0457z	04	Oct	2023	2.1m	Threat
GUNUNGSITOLI	0457z	04	Oct	2023	2.0m	Threat
NAD ACEH-BARAT-DAYA	0500z	04	Oct	2023	3.2m	Threat

NAD ACEH-SELATAN U	0500z	04	Oct	2023	2.3m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500z	04	Oct	2023	2.1m	Threat
NAD ACEH-UTARA B	0504z	04	Oct	2023	1.7m	Threat
NAD KOTA-LHOKSEUMAWA	0505z	04	Oct	2023	1.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	0506z	04	Oct	2023	1.6m	Threat
NAD ACEH-SELATAN S	0513z	04	Oct	2023	2.5m	Threat
SUMUT NIAS-SELATAN P.TANABALA	0514z	04	Oct	2023	1.4m	Threat
NAD ACEH-UTARA T	0515z	04	Oct	2023	2.9m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0519z	04	Oct	2023	1.4m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0523z	04	Oct	2023	1.5m	Threat
NAD ACEH-TIMUR	0534z	04	Oct	2023	2.7m	Threat
NAD ACEH-SINGKIL	0603z	04	Oct	2023	1.6m	Threat
SUMUT TAPANULI-TENGAH U	0626z	04	Oct	2023	2.1m	Threat
MUARASIBERUT	0627z	04	Oct	2023	2.6m	Threat
NAD KOTA-LANGSA	0637z	04	Oct	2023	2.3m	Threat
SUMUT TAPANULI-SELATAN	0642z	04	Oct	2023	1.2m	Threat
NAD ACEH-TAMIANG	0658z	04	Oct	2023	1.3m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0659z	04	Oct	2023	3.2m	Threat
NIAS	0738z	04	Oct	2023	1.5m	Threat
SUMUT LANGKAT	0741z	04	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0748z	04	Oct	2023	1.5m	Threat
NIAS-EAST	0805z	04	Oct	2023	1.4m	Threat
BELAWAN	0806z	04	Oct	2023	1.4m	Threat
SUMUT DELISERDANG	0814z	04	Oct	2023	1.7m	Threat
SUMUT SERDANG-BEDAGAI	0819z	04	Oct	2023	1.6m	Threat
SUMUT ASAHAN	0836z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0908z	04	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	0934z	04	Oct	2023	1.6m	Threat
JATENG CILACAP	1000z	04	Oct	2023	0.7m	Threat
BANTEN KOTA-CILEGON	1011z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1012z	04	Oct	2023	0.7m	Threat
BANTEN SERANG B	1012z	04	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	1016z	04	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	1017z	04	Oct	2023	0.6m	Threat
NIAS-NORTH	1046z	04	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL U	1047z	04	Oct	2023	1.4m	Threat
SUMUT MANDAILING-NATAL S	1051z	04	Oct	2023	0.9m	Threat
SOUTH OF BODAHAYIONE	1102z	04	Oct	2023	1.2m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1107z	04	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	1107z	04	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	1115z	04	Oct	2023	1.2m	Threat
LABUHAN BATU	1147z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS B	1147z	04	Oct	2023	0.8m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1154z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	1217z	04	Oct	2023	0.9m	Threat
ROKAN HILIR	1237z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1238z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1311z	04	Oct	2023	0.9m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1328z	04	Oct	2023	1.0m	Threat
SUMBAR AGAM	1332z	04	Oct	2023	1.2m	Threat
BENGKULU KAUR	1336z	04	Oct	2023	0.9m	Threat
BENGKULU SELUMA	1342z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1345z	04	Oct	2023	0.7m	Threat
JABAR CIANJUR SINDANGBARANG	1348z	04	Oct	2023	0.8m	Threat
DUMAI	1350z	04	Oct	2023	0.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	1351z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG P.PANAITAN	1351z	04	Oct	2023	1.3m	Threat
JABAR TASIKMALAYA	1354z	04	Oct	2023	1.0m	Threat
BENGKULU MUKOMUKO	1358z	04	Oct	2023	1.0m	Threat
JABAR GARUT	1409z	04	Oct	2023	0.8m	Threat
DIY BANTUL	1442z	04	Oct	2023	0.7m	Threat
DIY GUNUNG-KIDUL	1443z	04	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	1445z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG S	1454z	04	Oct	2023	0.8m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1520z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1525z	04	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	1527z	04	Oct	2023	0.8m	Threat
LAMPUNG TANGGAMUS P.TABUAN	1540z	04	Oct	2023	0.7m	Threat

SUMBAR PESISIR-SELATAN S	1646z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	1708z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG S	1709z	04	Oct	2023	0.8m	Threat
SUMBAR PESISIR-SELATAN U	1711z	04	Oct	2023	0.7m	Threat
MURASAI BI	1723z	04	Oct	2023	0.7m	Threat
NTB SUMBAWA S	1800z	04	Oct	2023	0.6m	Threat
MUARASIGEP	1833z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN U	1835z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN S	1859z	04	Oct	2023	0.7m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1905z	04	Oct	2023	0.6m	Threat
JATENG KEBUMEN	1915z	04	Oct	2023	0.6m	Threat
SUMBAR KOTA-PARIAMAN	1926z	04	Oct	2023	0.7m	Threat
JATIM BLITAR	1949z	04	Oct	2023	0.5m	Threat
BALI DENPASAR PANTAI-SANUR	2022z	04	Oct	2023	0.7m	Threat
NTB LOMBOK-TIMUR S	2133z	04	Oct	2023	0.6m	Threat
NTB LOMBOK-TENGAH	2203z	04	Oct	2023	0.8m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	2205z	04	Oct	2023	0.7m	Threat
JATIM PACITAN	2305z	04	Oct	2023	0.7m	Threat
NTB KOTA-BIMA S	2316z	04	Oct	2023	0.5m	Threat
DIY KULON-PROGO	2337z	04	Oct	2023	0.6m	Threat
JATIM TRENGGALEK	2347z	04	Oct	2023	0.6m	Threat
JATIM JEMBER P.NUSABARUNG	2352z	04	Oct	2023	0.6m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0001z	05	Oct	2023	0.5m	Threat
JATENG WONOGIRI	0002z	05	Oct	2023	0.8m	Threat
JABAR CIAMIS	0021z	05	Oct	2023	0.7m	Threat
BALI TABANAN	0027z	05	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0051z	05	Oct	2023	0.6m	Threat
JATIM JEMBER	0214z	05	Oct	2023	0.6m	Threat
BANTEN LEBAK	0306z	05	Oct	2023	0.7m	Threat
JATIM MALANG	0309z	05	Oct	2023	0.5m	Threat
BALI BADUNG PANTAI-KUTA	0345z	05	Oct	2023	0.6m	Threat

IRAN

PUSHT	1617z	04	Oct	2023	0.7m	Threat
MISKI	0355z	05	Oct	2023	0.6m	Threat

KENYA

KIWAYU	1224z	04	Oct	2023	1.3m	Threat
KIPINI	1246z	04	Oct	2023	1.4m	Threat
KISIMACHANDE	1248z	04	Oct	2023	1.1m	Threat
MALINDI	1251z	04	Oct	2023	1.5m	Threat
MVULENI	1541z	04	Oct	2023	0.9m	Threat

MADAGASCAR

VOHEMAR	1157z	04	Oct	2023	1.1m	Threat
TOAMASINA AIRPORT	1227z	04	Oct	2023	1.1m	Threat
AMBAHY	1233z	04	Oct	2023	1.0m	Threat
TAMPOLO	1236z	04	Oct	2023	1.1m	Threat
MANANTENINA	1251z	04	Oct	2023	1.0m	Threat
FARAFAGANA	1448z	04	Oct	2023	0.5m	Threat
GLORIOSO ISLANDS	1511z	04	Oct	2023	0.9m	Threat
SAMPONA	1624z	04	Oct	2023	0.9m	Threat
ANOROTSANGANA	1805z	04	Oct	2023	0.7m	Threat
BALY	2054z	04	Oct	2023	0.7m	Threat
AMBANJA	0414z	05	Oct	2023	0.6m	Threat

MALAYSIA

SATUN	0721z	04	Oct	2023	1.1m	Threat
YAN	0727z	04	Oct	2023	1.3m	Threat
WEST OF ALOR SETAR	0741z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI UTARA & BARAT DAYA	0756z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI SELATAN	0758z	04	Oct	2023	1.3m	Threat
KUALA MUDA	0804z	04	Oct	2023	1.3m	Threat
KERIAN	0818z	04	Oct	2023	1.3m	Threat

LARUT AND MATANG	0828z	04	Oct	2023	1.4m	Threat
MANJUNG	0842z	04	Oct	2023	1.5m	Threat
HILIR PERAK	1107z	04	Oct	2023	1.1m	Threat
SABAK BERNAM	1139z	04	Oct	2023	1.0m	Threat
KUALA SELANGOR	1155z	04	Oct	2023	1.1m	Threat
KUALA LANGAT	1225z	04	Oct	2023	0.9m	Threat
PORT DICKSON	1750z	04	Oct	2023	0.7m	Threat
SEPANG	2255z	04	Oct	2023	0.6m	Threat

MALDIVES

MALE	0711z	04	Oct	2023	4.3m	Threat
KOLHUFUSHI	0713z	04	Oct	2023	3.6m	Threat
DHIYAMIGILI	0714z	04	Oct	2023	6.6m	Threat
KULHUDUFFUSHI	0717z	04	Oct	2023	4.2m	Threat
THINADHOO	0719z	04	Oct	2023	3.1m	Threat
HITHADHOO	0720z	04	Oct	2023	1.9m	Threat
GOIDHOO	0726z	04	Oct	2023	2.3m	Threat
FERIDHOO	0732z	04	Oct	2023	2.0m	Threat
NILANDHOO	0734z	04	Oct	2023	2.8m	Threat

MAURITIUS

LA FERME	1013z	04	Oct	2023	1.6m	Threat
CARGADOS CARAJOS	1106z	04	Oct	2023	1.1m	Threat
GRANDE REVIERE SUD EST-EAST	1212z	04	Oct	2023	0.7m	Threat

MOZAMBIQUE

MAGANJA	1319z	04	Oct	2023	1.3m	Threat
MERONVI	1424z	04	Oct	2023	1.3m	Threat
LUMBO	1539z	04	Oct	2023	1.0m	Threat
MOGINCUAL	1646z	04	Oct	2023	0.8m	Threat
TAVARI	1700z	04	Oct	2023	0.8m	Threat
QUITERAJO	1720z	04	Oct	2023	1.0m	Threat
MAGUEMBA	1742z	04	Oct	2023	0.8m	Threat
NANGATA	1903z	04	Oct	2023	0.7m	Threat
PEMBA	1913z	04	Oct	2023	0.8m	Threat
MOEBASE	0140z	05	Oct	2023	0.5m	Threat

MYANMAR

GREAT WESTERN TORRES ISLAND	0534z	04	Oct	2023	2.3m	Threat
LORD LOUGHBOROUGH ISLAND	0534z	04	Oct	2023	2.2m	Threat
THAN KYUN	0538z	04	Oct	2023	2.3m	Threat
LITTLE COCO ISLAND	0540z	04	Oct	2023	1.6m	Threat
PREPARIS ISLAND	0548z	04	Oct	2023	1.0m	Threat
CHEDUBA ISLAND	0632z	04	Oct	2023	1.9m	Threat
SITTWE	0659z	04	Oct	2023	1.5m	Threat
MALI KYUN	0701z	04	Oct	2023	1.7m	Threat
MAGYIGYAING	0702z	04	Oct	2023	1.7m	Threat
THAWINCHAUNG	0705z	04	Oct	2023	1.3m	Threat
KYAUKPYU	0706z	04	Oct	2023	1.9m	Threat
PHARPON	0708z	04	Oct	2023	1.7m	Threat
YE	0739z	04	Oct	2023	1.4m	Threat
YANGON-S	0742z	04	Oct	2023	1.1m	Threat
KYWEGYAUNG	0843z	04	Oct	2023	2.0m	Threat
MAWYEN	0854z	04	Oct	2023	1.9m	Threat

OMAN

MIRBAT	1232z	04	Oct	2023	0.6m	Threat
SALALAH	1238z	04	Oct	2023	1.1m	Threat
TAQAH	1259z	04	Oct	2023	0.9m	Threat
HASIK	1328z	04	Oct	2023	0.8m	Threat
AD DUQM	1551z	04	Oct	2023	0.8m	Threat
AL ASHKHARAH	1609z	04	Oct	2023	0.7m	Threat
RAS AR RUWAYS	1616z	04	Oct	2023	0.8m	Threat

IOC Technical Series, 181 (I) Supplement 1
page 218

EAST MUSANDAM	0329z	05	Oct	2023	0.6m	Threat
MASIRAH	0432z	05	Oct	2023	0.6m	Threat
SUR	0434z	05	Oct	2023	0.6m	Threat
MUSCAT	0454z	05	Oct	2023	0.5m	Threat
PAKISTAN						

WINDER	1950z	04	Oct	2023	0.7m	Threat
ORMARA	2137z	04	Oct	2023	0.7m	Threat
SINDH	0420z	05	Oct	2023	0.7m	Threat
SEYCHELLES						

FREGATE ISLAND	1025z	04	Oct	2023	1.3m	Threat
TAKAMAKA	1142z	04	Oct	2023	1.0m	Threat
SOMALIA						

BANDER-BEYLA	1111z	04	Oct	2023	2.2m	Threat
TOOXIN	1118z	04	Oct	2023	2.0m	Threat
EYL	1119z	04	Oct	2023	1.8m	Threat
GALDOGOB	1121z	04	Oct	2023	2.0m	Threat
JARIIBAN	1122z	04	Oct	2023	1.6m	Threat
MAREEG	1131z	04	Oct	2023	1.9m	Threat
ITALA	1132z	04	Oct	2023	1.3m	Threat
CEEL DHEER	1132z	04	Oct	2023	2.1m	Threat
XARARDHEERE	1133z	04	Oct	2023	2.5m	Threat
UARSCIECH	1135z	04	Oct	2023	1.4m	Threat
MUQDISHO	1141z	04	Oct	2023	1.4m	Threat
ABO	1151z	04	Oct	2023	1.2m	Threat
BARAAWE	1156z	04	Oct	2023	1.0m	Threat
JILIB	1200z	04	Oct	2023	1.1m	Threat
NE BEERNAASI	1208z	04	Oct	2023	1.5m	Threat
KAAMBOONI	1215z	04	Oct	2023	1.0m	Threat
QANDALA	2357z	04	Oct	2023	0.5m	Threat
SOUTH AFRICA						

MOSSEL	2205z	04	Oct	2023	0.7m	Threat
PORT ELIZABETH	2302z	04	Oct	2023	0.6m	Threat
GEORGE	0021z	05	Oct	2023	0.6m	Threat
HANKEY	0214z	05	Oct	2023	0.5m	Threat
KAYSERS BEACH	0324z	05	Oct	2023	0.6m	Threat
ALEXANDRIA	0406z	05	Oct	2023	0.5m	Threat
PORT DURNFORD	0410z	05	Oct	2023	0.6m	Threat
MANDI	0444z	05	Oct	2023	0.5m	Threat
SRI LANKA						

AKKARAI PATTU	0547z	04	Oct	2023	3.5m	Threat
OKANDA	0548z	04	Oct	2023	1.8m	Threat
BATTICALOA	0548z	04	Oct	2023	5.3m	Threat
KIRINDA	0551z	04	Oct	2023	6.0m	Threat
POTTUVIL	0551z	04	Oct	2023	4.2m	Threat
ANAITIVU	0551z	04	Oct	2023	3.1m	Threat
PANKULAM	0555z	04	Oct	2023	4.3m	Threat
KATTANKUDI	0556z	04	Oct	2023	6.0m	Threat
MULLAITTIVU	0603z	04	Oct	2023	4.6m	Threat
MATARA	0603z	04	Oct	2023	2.7m	Threat
TANGALLE	0605z	04	Oct	2023	2.2m	Threat
HAMBANTOTA	0608z	04	Oct	2023	5.2m	Threat
GALLE	0613z	04	Oct	2023	3.1m	Threat
AMBALANGODA	0616z	04	Oct	2023	1.9m	Threat
CHUNDIKKULAM	0619z	04	Oct	2023	3.6m	Threat
BERUWALA	0621z	04	Oct	2023	1.6m	Threat
MORATUWA	0627z	04	Oct	2023	1.8m	Threat
CHAVAKACHCHERI	0630z	04	Oct	2023	3.6m	Threat
COLOMBO	0634z	04	Oct	2023	3.0m	Threat

POINT PEDRO	0635z	04	Oct	2023	3.2m	Threat
NEGOMBO	0636z	04	Oct	2023	1.4m	Threat
MUNDAL LAKE	0644z	04	Oct	2023	1.4m	Threat
MANNAR ISLAND	0652z	04	Oct	2023	1.6m	Threat
MUSALI	0708z	04	Oct	2023	1.3m	Threat
TANZANIA						

MADANGWA	1259z	04	Oct	2023	0.9m	Threat
VUMBA	1303z	04	Oct	2023	1.0m	Threat
JIMBO	1314z	04	Oct	2023	0.9m	Threat
KUTANI	1320z	04	Oct	2023	0.8m	Threat
SONGO SONGO ISLAND	1321z	04	Oct	2023	1.0m	Threat
VUMBI	1323z	04	Oct	2023	0.6m	Threat
ZANZIBAR	1333z	04	Oct	2023	0.8m	Threat
MSASANI	1353z	04	Oct	2023	0.9m	Threat
RUVU	1419z	04	Oct	2023	1.1m	Threat
BAGAMOYO	1521z	04	Oct	2023	0.8m	Threat
WEST TO KONDE	1525z	04	Oct	2023	0.8m	Threat
BOMALANDNI	2057z	04	Oct	2023	0.6m	Threat
THAILAND						

THAI MUEANG	0528z	04	Oct	2023	3.4m	Threat
KO RACHA NOI	0535z	04	Oct	2023	3.0m	Threat
KOH SURIN TAI	0539z	04	Oct	2023	2.7m	Threat
THAI MUEANG_TAKUA PA	0609z	04	Oct	2023	2.9m	Threat
KOH LANTA YAI	0612z	04	Oct	2023	2.4m	Threat
KOH ROK	0617z	04	Oct	2023	1.9m	Threat
MUEANG SATUN	0623z	04	Oct	2023	1.6m	Threat
KOH TARUTAO	0711z	04	Oct	2023	2.3m	Threat
UNITED ARAB EMIRATES						

KALBA	0326z	05	Oct	2023	0.7m	Threat
UNITED KINGDOM						

MORESBY ISLAND	0736z	04	Oct	2023	4.2m	Threat
DIEGO GARCIA	0743z	04	Oct	2023	1.5m	Threat
NW EGMONT ISLAND	0810z	04	Oct	2023	0.7m	Threat
YEMEN						

DAMQAWT	1126z	04	Oct	2023	1.0m	Threat
AL GHAYDAH AIRPORT	1139z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND SOUTH	1147z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND NORTH	1247z	04	Oct	2023	1.0m	Threat
MASILAH WADI	1325z	04	Oct	2023	0.7m	Threat
HUSWAYN	1330z	04	Oct	2023	1.8m	Threat
HAMI	1333z	04	Oct	2023	0.8m	Threat
AL MUKALLA	1359z	04	Oct	2023	1.1m	Threat
KHANFAR	1447z	04	Oct	2023	0.9m	Threat
ALQUMRAH	1508z	04	Oct	2023	1.0m	Threat
HARRAH	1917z	04	Oct	2023	0.7m	Threat
EAST TO HAMI	2116z	04	Oct	2023	0.7m	Threat
MAALLAH	2301z	04	Oct	2023	1.0m	Threat
SOCOTRA ISLAND WEST	2349z	04	Oct	2023	0.7m	Threat

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.

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 IOTWMS-TSP INDIA for this event as more information becomes available.

OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDONESIA: <http://inatews.bmkg.gov.id>

6. CONTACT INFORMATION

IOTWMS-TSP INDIA:

INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)

Indian National Centre for Ocean Information Services (INCOIS)

Address: "ocean valley", Pragathi Nagar (Bo), Nizampet (So),
Hyderabad - 500 090, India

Phone: 91-40-23895011

Fax: 91-40-23895012

Email: tsunami@incois.gov.in

Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT
#####

BULLETIN 12

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT
#####

TSUNAMI BULLETIN NUMBER 12 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 1300 UTC WEDNESDAY 04 OCTOBER 2023

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...
This bulletin applies to areas within and bordering the Indian Ocean.
It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

2. EVALUATION

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

LOCATION	LAT	LON	TIME	DATE	AMPL
Campbell Bay (INDIA)	7.00N	93.93E	0428z	04 Oct 2023	6.0m
Sabang (INDONESIA)	5.83N	95.33E	0429z	04 Oct 2023	3.6m
Portblair (INDIA)	11.6N	92.77E	0439z	04 Oct 2023	3.6m
DART 23227 (INDIA)	6.25N	88.88E	0441z	04 Oct 2023	2.6m
Nancowry (INDIA)	8.05N	93.55E	0508z	04 Oct 2023	8.4m
Meulaboh (INDONESIA)	4.13N	96.13E	0514z	04 Oct 2023	9.1m
Trincommalee (SRILANKA)	8.56N	81.20E	0557z	04 Oct 2023	4.8m
Enggano (INDONESIA)	5.35S	102.28E	0612z	04 Oct 2023	0.9m
Chennai (INDIA)	13.1N	80.30E	0620z	04 Oct 2023	6.0m
Visakhapatnam (INDIA)	17.6N	83.28E	0629z	04 Oct 2023	3.9m
Colombo (SRILANKA)	6.95N	79.85E	0632z	04 Oct 2023	3.9m
Hanimaadhoo (MALDIVIVE ISLANDS)	6.77N	73.17E	0718z	04 Oct 2023	4.6m
Minicoy (INDIA)	8.28N	73.05E	0724z	04 Oct 2023	2.0m
Diego Garcia (UK)	7.29S	72.39E	0739z	04 Oct 2023	3.1m
Sadeng (INDONESIA)	8.19S	110.80E	0747z	04 Oct 2023	0.8m
Cuddalore (INDIA)	11.7N	79.75E	0801z	04 Oct 2023	4.3m
Cochin (INDIA)	9.97N	76.27E	0817z	04 Oct 2023	2.4m
Benoa (INDONESIA)	8.75S	115.22E	0831z	04 Oct 2023	0.4m
Point Murat (AUSTRALIA)	21.8S	114.19E	0924z	04 Oct 2023	1.0m
Marmagao (INDIA)	15.4N	73.80E	0948z	04 Oct 2023	1.5m
Rodrigue (MAURITIUS)	19.6S	63.42E	0950z	04 Oct 2023	3.2m
Agalega (MAURITIUS)	10.3S	56.59E	1019z	04 Oct 2023	1.3m
Chittagong (BANGLADESH)	22.2N	91.82E	1044z	04 Oct 2023	2.8m
Salalah (OMAN)	16.9N	54.01E	1052z	04 Oct 2023	1.7m
Veeraval (INDIA)	20.9N	70.37E	1104z	04 Oct 2023	0.4m
Muscat (OMAN)	23.6N	58.57E	1105z	04 Oct 2023	0.8m
Jask (IRAN)	25.6N	57.77E	1130z	04 Oct 2023	0.4m
Dzaoudzi (FRANCE)	12.7S	45.26E	1210z	04 Oct 2023	0.3m
Comoros (COMORES)	11.7S	43.25E	1225z	04 Oct 2023	0.2m
Mombasa (KENYA)	4.07S	39.65E	1240z	04 Oct 2023	2.9m

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone (or a different threshold

nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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.

AUSTRALIA

PILBARA COAST WEST	1037z	04	Oct	2023	0.8m	Threat
GASCOYNE COAST	1441z	04	Oct	2023	0.9m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1446z	04	Oct	2023	1.1m	Threat
PILBARA COAST EAST	1501z	04	Oct	2023	0.9m	Threat
GERALDTON COAST	1517z	04	Oct	2023	1.0m	Threat
BUNBURY GEOGRAPHE COAST	1518z	04	Oct	2023	0.8m	Threat
NINGALOO COAST	1609z	04	Oct	2023	0.6m	Threat
LEEWIN COAST	1642z	04	Oct	2023	0.8m	Threat
LANCELIN COAST	2301z	04	Oct	2023	0.6m	Threat
ALBANY COAST	0221z	05	Oct	2023	0.6m	Threat
WEST KIMBERLY COAST	0324z	05	Oct	2023	0.6m	Threat
PERTH COAST	0431z	05	Oct	2023	0.7m	Threat

BANGLADESH

COXS BAZAR	0733z	04	Oct	2023	1.8m	Threat
KUTUBDIA ISLAND	0753z	04	Oct	2023	1.7m	Threat
BARGUNA	0759z	04	Oct	2023	2.0m	Threat
CHALNA	0941z	04	Oct	2023	1.1m	Threat

COMOROS

CHEZANI	1442z	04	Oct	2023	0.7m	Threat
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DJIBOUTI

NW ARTA	1412z	04	Oct	2023	0.7m	Threat
MUHAMMAD ALI BIN FATHA SUMANA	0419z	05	Oct	2023	0.5m	Threat

FRANCE

ILE KERGUELEN	1444z	04	Oct	2023	1.7m	Threat
CROZET PLATEAU	1546z	04	Oct	2023	0.6m	Threat
ILE DE LA POSSESSION	2025z	04	Oct	2023	0.7m	Threat

INDIA

KOMATRA & KATCHAL ISLAND	0402z	04	Oct	2023	9.6m	Threat
INDIRA POINT	0402z	04	Oct	2023	12.5m	Threat
CAR NICOBAR	0404z	04	Oct	2023	6.9m	Threat
LITTLE ANDAMAN	0433z	04	Oct	2023	9.6m	Threat
PORT BLAIR	0446z	04	Oct	2023	7.2m	Threat
NORTH SENTINEL ISLAND	0449z	04	Oct	2023	3.3m	Threat
HAVELOCK	0456z	04	Oct	2023	3.5m	Threat
BARREN ISLAND	0505z	04	Oct	2023	0.7m	Threat
RANGATH BAY	0509z	04	Oct	2023	3.4m	Threat
DIGLIPUR	0515z	04	Oct	2023	2.2m	Threat
FLAT ISLAND	0522z	04	Oct	2023	2.6m	Threat
WEST & LANDFALL ISLAND	0523z	04	Oct	2023	2.1m	Threat
NARCONDAM ISLAND	0552z	04	Oct	2023	0.6m	Threat
MARAKKANAM	0617z	04	Oct	2023	5.5m	Threat
PUDUCHERRY	0619z	04	Oct	2023	7.1m	Threat
CUDDALORE	0620z	04	Oct	2023	4.7m	Threat
POOMBUHAR	0621z	04	Oct	2023	4.2m	Threat
ENNORE	0622z	04	Oct	2023	5.0m	Threat
KAKINADA	0623z	04	Oct	2023	2.9m	Threat
MAHABALIPURAM	0625z	04	Oct	2023	5.4m	Threat
MACHILIPATNAM	0625z	04	Oct	2023	3.0m	Threat
SRIHARIKOTA	0627z	04	Oct	2023	4.2m	Threat

PERUPALEM	0628z	04	Oct	2023	2.1m	Threat
CHENNAI	0629z	04	Oct	2023	5.9m	Threat
NAGAPATTINAM	0630z	04	Oct	2023	4.2m	Threat
KARAIKAL	0632z	04	Oct	2023	3.6m	Threat
NIJAMPATTANAM	0633z	04	Oct	2023	3.1m	Threat
PURI	0638z	04	Oct	2023	2.8m	Threat
MALLIPATTINAM	0638z	04	Oct	2023	3.0m	Threat
MUTHUPET	0638z	04	Oct	2023	3.1m	Threat
KOTTAPATNAM	0639z	04	Oct	2023	3.4m	Threat
VISAKHAPATNAM	0639z	04	Oct	2023	3.0m	Threat
PARADIP	0639z	04	Oct	2023	1.7m	Threat
KALINGAPATNAM	0640z	04	Oct	2023	3.4m	Threat
KONADA	0640z	04	Oct	2023	2.5m	Threat
GOPALPUR	0648z	04	Oct	2023	2.7m	Threat
JAMBOO	0656z	04	Oct	2023	1.8m	Threat
RAMESWARAM	0700z	04	Oct	2023	1.6m	Threat
TUTICORIN	0702z	04	Oct	2023	2.1m	Threat
KOTTAIPPATTANAM	0703z	04	Oct	2023	1.5m	Threat
KOODANKULAM	0718z	04	Oct	2023	1.6m	Threat
KANYAKUMARI	0726z	04	Oct	2023	2.8m	Threat
HEMNAGAR	0729z	04	Oct	2023	1.2m	Threat
QUILON	0731z	04	Oct	2023	1.0m	Threat
DHAMRA	0734z	04	Oct	2023	1.7m	Threat
NAMKHANA	0736z	04	Oct	2023	1.3m	Threat
TRIVANDRUM	0737z	04	Oct	2023	1.8m	Threat
DIGHA	0742z	04	Oct	2023	2.0m	Threat
ALLEPPEY ALAPPUZHA	0746z	04	Oct	2023	1.4m	Threat
CHANDIPUR	0749z	04	Oct	2023	1.6m	Threat
KAVARATTI	0823z	04	Oct	2023	0.5m	Threat
AGATTI	0844z	04	Oct	2023	0.7m	Threat
VADANAPPALLY	1040z	04	Oct	2023	1.0m	Threat
COCHIN	1043z	04	Oct	2023	1.3m	Threat
MALVAN BAY	1051z	04	Oct	2023	0.7m	Threat
KARWAR	1052z	04	Oct	2023	1.1m	Threat
UDUPI	1102z	04	Oct	2023	0.9m	Threat
BEYPORE	1110z	04	Oct	2023	1.0m	Threat
KANNUR	1115z	04	Oct	2023	1.0m	Threat
MAHE	1121z	04	Oct	2023	0.9m	Threat
JAIGARH	1245z	04	Oct	2023	0.7m	Threat
KASARAGOD	1300z	04	Oct	2023	1.2m	Threat
VAKKAD	1318z	04	Oct	2023	1.0m	Threat
VASCO	1332z	04	Oct	2023	0.7m	Threat
PANAJI	1457z	04	Oct	2023	0.8m	Threat
MANGALORE	1851z	04	Oct	2023	0.9m	Threat
TARAPUR	2246z	04	Oct	2023	0.5m	Threat
HAZIRA, DIU	0003z	05	Oct	2023	0.6m	Threat
BHARUCH	0029z	05	Oct	2023	0.6m	Threat
HAZIRA	0032z	05	Oct	2023	0.6m	Threat
ALIBAG PORT	0227z	05	Oct	2023	0.5m	Threat
KHAMBAT	0325z	05	Oct	2023	0.6m	Threat
DWARKA	0333z	05	Oct	2023	0.6m	Threat
INDONESIA						

NAD ACEH-JAYA	0420z	04	Oct	2023	6.1m	Threat
NAD ACEH-BESAR P.BREUEH	0421z	04	Oct	2023	7.6m	Threat
NAD KOTA-BANDA-ACEH	0423z	04	Oct	2023	9.4m	Threat
NAD ACEH-BESAR B	0423z	04	Oct	2023	10.1m	Threat
NAD KOTA-SABANG P.WEH	0427z	04	Oct	2023	3.9m	Threat
NAD ACEH-BESAR P.PENASI	0429z	04	Oct	2023	5.9m	Threat
NAD ACEH-BARAT	0438z	04	Oct	2023	3.0m	Threat
NAD SIMEULUE P.SIMEULUE	0441z	04	Oct	2023	3.4m	Threat
NAD ACEH-BESAR U	0441z	04	Oct	2023	2.0m	Threat
NAD PIDIE	0445z	04	Oct	2023	1.8m	Threat
NAD NAGAN-RAYA	0449z	04	Oct	2023	4.1m	Threat
NAD BIREUEN	0456z	04	Oct	2023	1.9m	Threat
SUMUT NIAS B	0457z	04	Oct	2023	2.1m	Threat
GUNUNGSITOLI	0457z	04	Oct	2023	2.0m	Threat

NAD ACEH-BARAT-DAYA	0500z	04	Oct	2023	3.2m	Threat
NAD ACEH-SELATAN U	0500z	04	Oct	2023	2.3m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500z	04	Oct	2023	2.1m	Threat
NAD ACEH-UTARA B	0504z	04	Oct	2023	1.7m	Threat
NAD KOTA-LHOKSEUMAWA	0505z	04	Oct	2023	1.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	0506z	04	Oct	2023	1.6m	Threat
NAD ACEH-SELATAN S	0513z	04	Oct	2023	2.5m	Threat
SUMUT NIAS-SELATAN P.TANABALA	0514z	04	Oct	2023	1.4m	Threat
NAD ACEH-UTARA T	0515z	04	Oct	2023	2.9m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0519z	04	Oct	2023	1.4m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0523z	04	Oct	2023	1.5m	Threat
NAD ACEH-TIMUR	0534z	04	Oct	2023	2.7m	Threat
NAD ACEH-SINGKIL	0603z	04	Oct	2023	1.6m	Threat
SUMUT TAPANULI-TENGAH U	0626z	04	Oct	2023	2.1m	Threat
MUARASIBERUT	0627z	04	Oct	2023	2.6m	Threat
NAD KOTA-LANGSA	0637z	04	Oct	2023	2.3m	Threat
SUMUT TAPANULI-SELATAN	0642z	04	Oct	2023	1.2m	Threat
NAD ACEH-TAMIANG	0658z	04	Oct	2023	1.3m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0659z	04	Oct	2023	3.2m	Threat
NIAS	0738z	04	Oct	2023	1.5m	Threat
SUMUT LANGKAT	0741z	04	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0748z	04	Oct	2023	1.5m	Threat
NIAS-EAST	0805z	04	Oct	2023	1.4m	Threat
BELAWAN	0806z	04	Oct	2023	1.4m	Threat
SUMUT DELISERDANG	0814z	04	Oct	2023	1.7m	Threat
SUMUT SERDANG-BEDAGAI	0819z	04	Oct	2023	1.6m	Threat
SUMUT ASAHAN	0836z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0908z	04	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	0934z	04	Oct	2023	1.6m	Threat
JATENG CILACAP	1000z	04	Oct	2023	0.7m	Threat
BANTEN KOTA-CILEGON	1011z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1012z	04	Oct	2023	0.7m	Threat
BANTEN SERANG B	1012z	04	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	1016z	04	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	1017z	04	Oct	2023	0.6m	Threat
NIAS-NORTH	1046z	04	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL U	1047z	04	Oct	2023	1.4m	Threat
SUMUT MANDAILING-NATAL S	1051z	04	Oct	2023	0.9m	Threat
SOUTH OF BODAHAYIONE	1102z	04	Oct	2023	1.2m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1107z	04	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	1107z	04	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	1115z	04	Oct	2023	1.2m	Threat
LABUHAN BATU	1147z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS B	1147z	04	Oct	2023	0.8m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1154z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	1217z	04	Oct	2023	0.9m	Threat
ROKAN HILIR	1237z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1238z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1311z	04	Oct	2023	0.9m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1328z	04	Oct	2023	1.0m	Threat
SUMBAR AGAM	1332z	04	Oct	2023	1.2m	Threat
BENGKULU KAUR	1336z	04	Oct	2023	0.9m	Threat
BENGKULU SELUMA	1342z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1345z	04	Oct	2023	0.7m	Threat
JABAR CIANJUR SINDANGBARANG	1348z	04	Oct	2023	0.8m	Threat
DUMAI	1350z	04	Oct	2023	0.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	1351z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG P.PANAITAN	1351z	04	Oct	2023	1.3m	Threat
JABAR TASIKMALAYA	1354z	04	Oct	2023	1.0m	Threat
BENGKULU MUKOMUKO	1358z	04	Oct	2023	1.0m	Threat
JABAR GARUT	1409z	04	Oct	2023	0.8m	Threat
DIY BANTUL	1442z	04	Oct	2023	0.7m	Threat
DIY GUNUNG-KIDUL	1443z	04	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	1445z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG S	1454z	04	Oct	2023	0.8m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1520z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1525z	04	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	1527z	04	Oct	2023	0.8m	Threat

LAMPUNG TANGGAMUS P.TABUAN	1540z	04	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN S	1646z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	1708z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG S	1709z	04	Oct	2023	0.8m	Threat
SUMBAR PESISIR-SELATAN U	1711z	04	Oct	2023	0.7m	Threat
MURASAI BI	1723z	04	Oct	2023	0.7m	Threat
NTB SUMBAWA S	1800z	04	Oct	2023	0.6m	Threat
MUARASIGEP	1833z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN U	1835z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN S	1859z	04	Oct	2023	0.7m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1905z	04	Oct	2023	0.6m	Threat
JATENG KEBUMEN	1915z	04	Oct	2023	0.6m	Threat
SUMBAR KOTA-PARIAMAN	1926z	04	Oct	2023	0.7m	Threat
JATIM BLITAR	1949z	04	Oct	2023	0.5m	Threat
BALI DENPASAR PANTAI-SANUR	2022z	04	Oct	2023	0.7m	Threat
NTB LOMBOK-TIMUR S	2133z	04	Oct	2023	0.6m	Threat
NTB LOMBOK-TENGAH	2203z	04	Oct	2023	0.8m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	2205z	04	Oct	2023	0.7m	Threat
JATIM PACITAN	2305z	04	Oct	2023	0.7m	Threat
NTB KOTA-BIMA S	2316z	04	Oct	2023	0.5m	Threat
DIY KULON-PROGO	2337z	04	Oct	2023	0.6m	Threat
JATIM TRENGGALEK	2347z	04	Oct	2023	0.6m	Threat
JATIM JEMBER P.NUSABARUNG	2352z	04	Oct	2023	0.6m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0001z	05	Oct	2023	0.5m	Threat
JATENG WONOGIRI	0002z	05	Oct	2023	0.8m	Threat
JABAR CIAMIS	0021z	05	Oct	2023	0.7m	Threat
BALI TABANAN	0027z	05	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0051z	05	Oct	2023	0.6m	Threat
JATIM JEMBER	0214z	05	Oct	2023	0.6m	Threat
BANTEN LEBAK	0306z	05	Oct	2023	0.7m	Threat
JATIM MALANG	0309z	05	Oct	2023	0.5m	Threat
BALI BADUNG PANTAI-KUTA	0345z	05	Oct	2023	0.6m	Threat
IRAN						

PUSHT	1617z	04	Oct	2023	0.7m	Threat
MISKI	0355z	05	Oct	2023	0.6m	Threat
KENYA						

KIWAYU	1224z	04	Oct	2023	1.3m	Threat
KIPINI	1246z	04	Oct	2023	1.4m	Threat
KISIMACHANDE	1248z	04	Oct	2023	1.1m	Threat
MALINDI	1251z	04	Oct	2023	1.5m	Threat
MVULENI	1541z	04	Oct	2023	0.9m	Threat
MADAGASCAR						

VOHEMAR	1157z	04	Oct	2023	1.1m	Threat
TOAMASINA AIRPORT	1227z	04	Oct	2023	1.1m	Threat
AMBAHY	1233z	04	Oct	2023	1.0m	Threat
TAMPOLO	1236z	04	Oct	2023	1.1m	Threat
MANANTENINA	1251z	04	Oct	2023	1.0m	Threat
FARAFAGANA	1448z	04	Oct	2023	0.5m	Threat
GLORIOSO ISLANDS	1511z	04	Oct	2023	0.9m	Threat
SAMPONA	1624z	04	Oct	2023	0.9m	Threat
ANOROTSANGANA	1805z	04	Oct	2023	0.7m	Threat
BALY	2054z	04	Oct	2023	0.7m	Threat
AMBANJA	0414z	05	Oct	2023	0.6m	Threat
MALAYSIA						

SATUN	0721z	04	Oct	2023	1.1m	Threat
YAN	0727z	04	Oct	2023	1.3m	Threat
WEST OF ALOR SETAR	0741z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI UTARA & BARAT DAYA	0756z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI SELATAN	0758z	04	Oct	2023	1.3m	Threat
KUALA MUDA	0804z	04	Oct	2023	1.3m	Threat

IOC Technical Series, 181 (I) Supplement 1
page 226

KERIAN	0818z	04	Oct	2023	1.3m	Threat
LARUT AND MATANG	0828z	04	Oct	2023	1.4m	Threat
MANJUNG	0842z	04	Oct	2023	1.5m	Threat
HILIR PERAK	1107z	04	Oct	2023	1.1m	Threat
SABAK BERNAM	1139z	04	Oct	2023	1.0m	Threat
KUALA SELANGOR	1155z	04	Oct	2023	1.1m	Threat
KUALA LANGAT	1225z	04	Oct	2023	0.9m	Threat
PORT DICKSON	1750z	04	Oct	2023	0.7m	Threat
SEPANG	2255z	04	Oct	2023	0.6m	Threat

MALDIVES

MALE	0711z	04	Oct	2023	4.3m	Threat
KOLHUFUSHI	0713z	04	Oct	2023	3.6m	Threat
DHIYAMIGILI	0714z	04	Oct	2023	6.6m	Threat
KULHUDUFFUSHI	0717z	04	Oct	2023	4.2m	Threat
THINADHOO	0719z	04	Oct	2023	3.1m	Threat
HITHADHOO	0720z	04	Oct	2023	1.9m	Threat
GOIDHOO	0726z	04	Oct	2023	2.3m	Threat
FERIDHOO	0732z	04	Oct	2023	2.0m	Threat
NILANDHOO	0734z	04	Oct	2023	2.8m	Threat

MAURITIUS

LA FERME	1013z	04	Oct	2023	1.6m	Threat
CARGADOS CARAJOS	1106z	04	Oct	2023	1.1m	Threat
GRANDE REVIERE SUD EST-EAST	1212z	04	Oct	2023	0.7m	Threat

MOZAMBIQUE

MAGANJA	1319z	04	Oct	2023	1.3m	Threat
MERONVI	1424z	04	Oct	2023	1.3m	Threat
LUMBO	1539z	04	Oct	2023	1.0m	Threat
MOGINCUAL	1646z	04	Oct	2023	0.8m	Threat
TAVARI	1700z	04	Oct	2023	0.8m	Threat
QUITERAJO	1720z	04	Oct	2023	1.0m	Threat
MAGUEMBA	1742z	04	Oct	2023	0.8m	Threat
NANGATA	1903z	04	Oct	2023	0.7m	Threat
PEMBA	1913z	04	Oct	2023	0.8m	Threat
MOEBASE	0140z	05	Oct	2023	0.5m	Threat

MYANMAR

GREAT WESTERN TORRES ISLAND	0534z	04	Oct	2023	2.3m	Threat
LORD LOUGHBOROUGH ISLAND	0534z	04	Oct	2023	2.2m	Threat
THAN KYUN	0538z	04	Oct	2023	2.3m	Threat
LITTLE COCO ISLAND	0540z	04	Oct	2023	1.6m	Threat
PREPARIS ISLAND	0548z	04	Oct	2023	1.0m	Threat
CHEDUBA ISLAND	0632z	04	Oct	2023	1.9m	Threat
SITWE	0659z	04	Oct	2023	1.5m	Threat
MALI KYUN	0701z	04	Oct	2023	1.7m	Threat
MAGYIGYAING	0702z	04	Oct	2023	1.7m	Threat
THAWINCHAUNG	0705z	04	Oct	2023	1.3m	Threat
KYAUKPYU	0706z	04	Oct	2023	1.9m	Threat
PHARPON	0708z	04	Oct	2023	1.7m	Threat
YE	0739z	04	Oct	2023	1.4m	Threat
YANGON-S	0742z	04	Oct	2023	1.1m	Threat
KYWEGYAUNG	0843z	04	Oct	2023	2.0m	Threat
MAWYEN	0854z	04	Oct	2023	1.9m	Threat

OMAN

MIRBAT	1232z	04	Oct	2023	0.6m	Threat
SALALAH	1238z	04	Oct	2023	1.1m	Threat
TAQAH	1259z	04	Oct	2023	0.9m	Threat
HASIK	1328z	04	Oct	2023	0.8m	Threat
AD DUQM	1551z	04	Oct	2023	0.8m	Threat
AL ASHKHARAH	1609z	04	Oct	2023	0.7m	Threat

RAS AR RUWAYS	1616z	04	Oct	2023	0.8m	Threat
EAST MUSANDAM	0329z	05	Oct	2023	0.6m	Threat
MASIRAH	0432z	05	Oct	2023	0.6m	Threat
SUR	0434z	05	Oct	2023	0.6m	Threat
MUSCAT	0454z	05	Oct	2023	0.5m	Threat
PAKISTAN						

WINDER	1950z	04	Oct	2023	0.7m	Threat
ORMARA	2137z	04	Oct	2023	0.7m	Threat
SINDH	0420z	05	Oct	2023	0.7m	Threat
SEYCHELLES						

FREGATE ISLAND	1025z	04	Oct	2023	1.3m	Threat
TAKAMAKA	1142z	04	Oct	2023	1.0m	Threat
SOMALIA						

BANDER-BEYLA	1111z	04	Oct	2023	2.2m	Threat
TOOXIN	1118z	04	Oct	2023	2.0m	Threat
EYL	1119z	04	Oct	2023	1.8m	Threat
GALDOGOB	1121z	04	Oct	2023	2.0m	Threat
JARIIBAN	1122z	04	Oct	2023	1.6m	Threat
MAREEG	1131z	04	Oct	2023	1.9m	Threat
ITALA	1132z	04	Oct	2023	1.3m	Threat
CEEL DHEER	1132z	04	Oct	2023	2.1m	Threat
XARARDHEERE	1133z	04	Oct	2023	2.5m	Threat
UARSCIECH	1135z	04	Oct	2023	1.4m	Threat
MUQDISHO	1141z	04	Oct	2023	1.4m	Threat
ABO	1151z	04	Oct	2023	1.2m	Threat
BARAAWE	1156z	04	Oct	2023	1.0m	Threat
JILIB	1200z	04	Oct	2023	1.1m	Threat
NE BEERNAASI	1208z	04	Oct	2023	1.5m	Threat
KAAMBOONI	1215z	04	Oct	2023	1.0m	Threat
QANDALA	2357z	04	Oct	2023	0.5m	Threat
SOUTH AFRICA						

MOSSEL	2205z	04	Oct	2023	0.7m	Threat
PORT ELIZABETH	2302z	04	Oct	2023	0.6m	Threat
GEORGE	0021z	05	Oct	2023	0.6m	Threat
HANKEY	0214z	05	Oct	2023	0.5m	Threat
KAYSERS BEACH	0324z	05	Oct	2023	0.6m	Threat
ALEXANDRIA	0406z	05	Oct	2023	0.5m	Threat
PORT DURNFORD	0410z	05	Oct	2023	0.6m	Threat
MANDI	0444z	05	Oct	2023	0.5m	Threat
SRI LANKA						

AKKARAIATTU	0547z	04	Oct	2023	3.5m	Threat
OKANDA	0548z	04	Oct	2023	1.8m	Threat
BATTICALOA	0548z	04	Oct	2023	5.3m	Threat
KIRINDA	0551z	04	Oct	2023	6.0m	Threat
POTTUVIL	0551z	04	Oct	2023	4.2m	Threat
ANAITIVU	0551z	04	Oct	2023	3.1m	Threat
PANKULAM	0555z	04	Oct	2023	4.3m	Threat
KATTANKUDI	0556z	04	Oct	2023	6.0m	Threat
MULLAITTIVU	0603z	04	Oct	2023	4.6m	Threat
MATARA	0603z	04	Oct	2023	2.7m	Threat
TANGALLE	0605z	04	Oct	2023	2.2m	Threat
HAMBANTOTA	0608z	04	Oct	2023	5.2m	Threat
GALLE	0613z	04	Oct	2023	3.1m	Threat
AMBALANGODA	0616z	04	Oct	2023	1.9m	Threat
CHUNDIKKULAM	0619z	04	Oct	2023	3.6m	Threat
BERUWALA	0621z	04	Oct	2023	1.6m	Threat
MORATUWA	0627z	04	Oct	2023	1.8m	Threat
CHAVAKACHCHERI	0630z	04	Oct	2023	3.6m	Threat

IOC Technical Series, 181 (I) Supplement 1
page 228

COLOMBO	0634z	04	Oct	2023	3.0m	Threat
POINT PEDRO	0635z	04	Oct	2023	3.2m	Threat
NEGOMBO	0636z	04	Oct	2023	1.4m	Threat
MUNDAL LAKE	0644z	04	Oct	2023	1.4m	Threat
MANNAR ISLAND	0652z	04	Oct	2023	1.6m	Threat
MUSALI	0708z	04	Oct	2023	1.3m	Threat

TANZANIA

MADANGWA	1259z	04	Oct	2023	0.9m	Threat
VUMBA	1303z	04	Oct	2023	1.0m	Threat
JIMBO	1314z	04	Oct	2023	0.9m	Threat
KUTANI	1320z	04	Oct	2023	0.8m	Threat
SONGO SONGO ISLAND	1321z	04	Oct	2023	1.0m	Threat
VUMBI	1323z	04	Oct	2023	0.6m	Threat
ZANZIBAR	1333z	04	Oct	2023	0.8m	Threat
MSASANI	1353z	04	Oct	2023	0.9m	Threat
RUVU	1419z	04	Oct	2023	1.1m	Threat
BAGAMOYO	1521z	04	Oct	2023	0.8m	Threat
WEST TO KONDE	1525z	04	Oct	2023	0.8m	Threat
BOMALANDNI	2057z	04	Oct	2023	0.6m	Threat

THAILAND

THAI MUEANG	0528z	04	Oct	2023	3.4m	Threat
KO RACHA NOI	0535z	04	Oct	2023	3.0m	Threat
KOH SURIN TAI	0539z	04	Oct	2023	2.7m	Threat
THAI MUEANG TAKUA PA	0609z	04	Oct	2023	2.9m	Threat
KOH LANTA YAI	0612z	04	Oct	2023	2.4m	Threat
KOH ROK	0617z	04	Oct	2023	1.9m	Threat
MUEANG SATUN	0623z	04	Oct	2023	1.6m	Threat
KOH TARUTAO	0711z	04	Oct	2023	2.3m	Threat

UNITED ARAB EMIRATES

KALBA	0326z	05	Oct	2023	0.7m	Threat
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UNITED KINGDOM

MORESBY ISLAND	0736z	04	Oct	2023	4.2m	Threat
DIEGO GARCIA	0743z	04	Oct	2023	1.5m	Threat
NW EGMONT ISLAND	0810z	04	Oct	2023	0.7m	Threat

YEMEN

DAMQAWT	1126z	04	Oct	2023	1.0m	Threat
AL GHAYDAH AIRPORT	1139z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND SOUTH	1147z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND NORTH	1247z	04	Oct	2023	1.0m	Threat
MASILAH WADI	1325z	04	Oct	2023	0.7m	Threat
HUSWAYN	1330z	04	Oct	2023	1.8m	Threat
HAMI	1333z	04	Oct	2023	0.8m	Threat
AL MUKALLA	1359z	04	Oct	2023	1.1m	Threat
KHANFAR	1447z	04	Oct	2023	0.9m	Threat
ALQUMRAH	1508z	04	Oct	2023	1.0m	Threat
HARRAH	1917z	04	Oct	2023	0.7m	Threat
EAST TO HAMI	2116z	04	Oct	2023	0.7m	Threat
MAALLAH	2301z	04	Oct	2023	1.0m	Threat
SOCOTRA ISLAND WEST	2349z	04	Oct	2023	0.7m	Threat

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.

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 IOTWMS-TSP INDIA for this event as more information becomes available.

OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDONESIA: <http://inatews.bmkg.gov.id>

6. CONTACT INFORMATION

IOTWMS-TSP INDIA:

INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)

Indian National Centre for Ocean Information Services (INCOIS)

Address: "ocean valley", Pragathi Nagar (Bo), Nizampet (So),

Hyderabad - 500 090, India

Phone: 91-40-23895011

Fax: 91-40-23895012

Email: tsunami@incois.gov.in

Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT
#####

BULLETIN 13

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT
#####

TSUNAMI BULLETIN NUMBER 13 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 1400 UTC WEDNESDAY 04 OCTOBER 2023

... CONFIRMED TSUNAMI THREAT IN THE INDIAN OCEAN ...
This bulletin applies to areas within and bordering the Indian Ocean.
It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

2. EVALUATION

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

LOCATION	LAT	LON	TIME	DATE	AMPL
Campbell Bay (INDIA)	7.00N	93.93E	0428z	04 Oct 2023	6.0m
Sabang (INDONESIA)	5.83N	95.33E	0429z	04 Oct 2023	3.6m
Portblair (INDIA)	11.6N	92.77E	0439z	04 Oct 2023	3.6m
DART 23227 (INDIA)	6.25N	88.88E	0441z	04 Oct 2023	2.6m
Nancowry (INDIA)	8.05N	93.55E	0508z	04 Oct 2023	8.4m
Meulaboh (INDONESIA)	4.13N	96.13E	0514z	04 Oct 2023	9.1m
Trincommalee (SRILANKA)	8.56N	81.20E	0557z	04 Oct 2023	4.8m
Enggano (INDONESIA)	5.35S	102.28E	0612z	04 Oct 2023	0.9m
Chennai (INDIA)	13.1N	80.30E	0620z	04 Oct 2023	6.0m
Visakhapatnam (INDIA)	17.6N	83.28E	0629z	04 Oct 2023	3.9m
Colombo (SRILANKA)	6.95N	79.85E	0632z	04 Oct 2023	3.9m
Hanimaadhoo (MALDIVIVE ISLANDS)	6.77N	73.17E	0718z	04 Oct 2023	4.6m
Minicoy (INDIA)	8.28N	73.05E	0724z	04 Oct 2023	2.0m
Diego Garcia (UK)	7.29S	72.39E	0739z	04 Oct 2023	3.1m
Sadeng (INDONESIA)	8.19S	110.80E	0747z	04 Oct 2023	0.8m
Cuddalore (INDIA)	11.7N	79.75E	0801z	04 Oct 2023	4.3m
Cochin (INDIA)	9.97N	76.27E	0817z	04 Oct 2023	2.4m
Benoa (INDONESIA)	8.75S	115.22E	0831z	04 Oct 2023	0.4m
Point Murat (AUSTRALIA)	21.8S	114.19E	0924z	04 Oct 2023	1.0m
Marmagao (INDIA)	15.4N	73.80E	0948z	04 Oct 2023	1.5m
Rodrigue (MAURITIUS)	19.6S	63.42E	0950z	04 Oct 2023	3.2m
Agalega (MAURITIUS)	10.3S	56.59E	1019z	04 Oct 2023	1.3m
Chittagong (BANGLADESH)	22.2N	91.82E	1044z	04 Oct 2023	2.8m
Salalah (OMAN)	16.9N	54.01E	1052z	04 Oct 2023	1.7m
Veeraval (INDIA)	20.9N	70.37E	1104z	04 Oct 2023	0.4m
Muscat (OMAN)	23.6N	58.57E	1105z	04 Oct 2023	0.8m
Jask (IRAN)	25.6N	57.77E	1130z	04 Oct 2023	0.4m
Dzaoudzi (FRANCE)	12.7S	45.26E	1210z	04 Oct 2023	0.3m
Comoros (COMORES)	11.7S	43.25E	1225z	04 Oct 2023	0.2m
Mombasa (KENYA)	4.07S	39.65E	1240z	04 Oct 2023	2.9m
Karachi (PAKISTAN)	24.8N	66.97E	1320z	04 Oct 2023	0.5m
Waikelo (INDONESIA)	9.39S	119.22E	1349z	04 Oct 2023	0.2m
Masirah (OMAN)	20.6N	58.87E	1354z	04 Oct 2023	0.8m

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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.

AUSTRALIA

PILBARA COAST WEST	1037z	04	Oct	2023	0.8m	Threat
GASCOYNE COAST	1441z	04	Oct	2023	0.9m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1446z	04	Oct	2023	1.1m	Threat
PILBARA COAST EAST	1501z	04	Oct	2023	0.9m	Threat
GERALDTON COAST	1517z	04	Oct	2023	1.0m	Threat
BUNBURY GEOGRAPHE COAST	1518z	04	Oct	2023	0.8m	Threat
NINGALOO COAST	1609z	04	Oct	2023	0.6m	Threat
LEEUVIN COAST	1642z	04	Oct	2023	0.8m	Threat
LANCELIN COAST	2301z	04	Oct	2023	0.6m	Threat
ALBANY COAST	0221z	05	Oct	2023	0.6m	Threat
WEST KIMBERLY COAST	0324z	05	Oct	2023	0.6m	Threat
PERTH COAST	0431z	05	Oct	2023	0.7m	Threat

BANGLADESH

COXS BAZAR	0733z	04	Oct	2023	1.8m	Threat
KUTUBDIA ISLAND	0753z	04	Oct	2023	1.7m	Threat
BARGUNA	0759z	04	Oct	2023	2.0m	Threat
CHALNA	0941z	04	Oct	2023	1.1m	Threat

COMOROS

CHEZANI	1442z	04	Oct	2023	0.7m	Threat
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DJIBOUTI

NW ARTA	1412z	04	Oct	2023	0.7m	Threat
MUHAMMAD ALI BIN FATHA SUMANA	0419z	05	Oct	2023	0.5m	Threat

FRANCE

ILE KERGUELEN	1444z	04	Oct	2023	1.7m	Threat
CROZET PLATEAU	1546z	04	Oct	2023	0.6m	Threat
ILE DE LA POSSESSION	2025z	04	Oct	2023	0.7m	Threat

INDIA

KOMATRA & KATCHAL ISLAND	0402z	04	Oct	2023	9.6m	Threat
INDIRA POINT	0402z	04	Oct	2023	12.5m	Threat
CAR NICOBAR	0404z	04	Oct	2023	6.9m	Threat
LITTLE ANDAMAN	0433z	04	Oct	2023	9.6m	Threat
PORT BLAIR	0446z	04	Oct	2023	7.2m	Threat
NORTH SENTINEL ISLAND	0449z	04	Oct	2023	3.3m	Threat
HAVELOCK	0456z	04	Oct	2023	3.5m	Threat
BARREN ISLAND	0505z	04	Oct	2023	0.7m	Threat
RANGATH BAY	0509z	04	Oct	2023	3.4m	Threat
DIGLIPUR	0515z	04	Oct	2023	2.2m	Threat
FLAT ISLAND	0522z	04	Oct	2023	2.6m	Threat
WEST & LANDFALL ISLAND	0523z	04	Oct	2023	2.1m	Threat
NARCONDAM ISLAND	0552z	04	Oct	2023	0.6m	Threat
MARAKKANAM	0617z	04	Oct	2023	5.5m	Threat
PUDUCHERRY	0619z	04	Oct	2023	7.1m	Threat
CUDDALORE	0620z	04	Oct	2023	4.7m	Threat
POOMBUHAR	0621z	04	Oct	2023	4.2m	Threat
ENNORE	0622z	04	Oct	2023	5.0m	Threat
KAKINADA	0623z	04	Oct	2023	2.9m	Threat

MAHABALIPURAM	0625z	04	Oct	2023	5.4m	Threat
MACHILIPATNAM	0625z	04	Oct	2023	3.0m	Threat
SRIHARIKOTA	0627z	04	Oct	2023	4.2m	Threat
PERUPALEM	0628z	04	Oct	2023	2.1m	Threat
CHENNAI	0629z	04	Oct	2023	5.9m	Threat
NAGAPATTINAM	0630z	04	Oct	2023	4.2m	Threat
KARAIKAL	0632z	04	Oct	2023	3.6m	Threat
NIJAMPATTANAM	0633z	04	Oct	2023	3.1m	Threat
PURI	0638z	04	Oct	2023	2.8m	Threat
MALLIPATTINAM	0638z	04	Oct	2023	3.0m	Threat
MUTHUPET	0638z	04	Oct	2023	3.1m	Threat
KOTTAPATNAM	0639z	04	Oct	2023	3.4m	Threat
VISAKHAPATNAM	0639z	04	Oct	2023	3.0m	Threat
PARADIIP	0639z	04	Oct	2023	1.7m	Threat
KALINGAPATNAM	0640z	04	Oct	2023	3.4m	Threat
KONADA	0640z	04	Oct	2023	2.5m	Threat
GOPALPUR	0648z	04	Oct	2023	2.7m	Threat
JAMBOO	0656z	04	Oct	2023	1.8m	Threat
RAMESWARAM	0700z	04	Oct	2023	1.6m	Threat
TUTICORIN	0702z	04	Oct	2023	2.1m	Threat
KOTTAIPPATTANAM	0703z	04	Oct	2023	1.5m	Threat
KOODANKULAM	0718z	04	Oct	2023	1.6m	Threat
KANYAKUMARI	0726z	04	Oct	2023	2.8m	Threat
HEMNAGAR	0729z	04	Oct	2023	1.2m	Threat
QUILON	0731z	04	Oct	2023	1.0m	Threat
DHAMRA	0734z	04	Oct	2023	1.7m	Threat
NAMKHANA	0736z	04	Oct	2023	1.3m	Threat
TRIVANDRUM	0737z	04	Oct	2023	1.8m	Threat
DIGHA	0742z	04	Oct	2023	2.0m	Threat
ALLEPPEY ALAPPUZHA	0746z	04	Oct	2023	1.4m	Threat
CHANDIPUR	0749z	04	Oct	2023	1.6m	Threat
KAVARATTI	0823z	04	Oct	2023	0.5m	Threat
AGATTI	0844z	04	Oct	2023	0.7m	Threat
VADANAPPALLY	1040z	04	Oct	2023	1.0m	Threat
COCHIN	1043z	04	Oct	2023	1.3m	Threat
MALVAN BAY	1051z	04	Oct	2023	0.7m	Threat
KARWAR	1052z	04	Oct	2023	1.1m	Threat
UDUPI	1102z	04	Oct	2023	0.9m	Threat
BEYPORE	1110z	04	Oct	2023	1.0m	Threat
KANNUR	1115z	04	Oct	2023	1.0m	Threat
MAHE	1121z	04	Oct	2023	0.9m	Threat
JAIGARH	1245z	04	Oct	2023	0.7m	Threat
KASARAGOD	1300z	04	Oct	2023	1.2m	Threat
VAKKAD	1318z	04	Oct	2023	1.0m	Threat
VASCO	1332z	04	Oct	2023	0.7m	Threat
PANAJI	1457z	04	Oct	2023	0.8m	Threat
MANGALORE	1851z	04	Oct	2023	0.9m	Threat
TARAPUR	2246z	04	Oct	2023	0.5m	Threat
HAZIRA, DIU	0003z	05	Oct	2023	0.6m	Threat
BHARUCH	0029z	05	Oct	2023	0.6m	Threat
HAZIRA	0032z	05	Oct	2023	0.6m	Threat
ALIBAG PORT	0227z	05	Oct	2023	0.5m	Threat
KHAMBAT	0325z	05	Oct	2023	0.6m	Threat
DWARKA	0333z	05	Oct	2023	0.6m	Threat
INDONESIA						

NAD ACEH-JAYA	0420z	04	Oct	2023	6.1m	Threat
NAD ACEH-BESAR P.BREUEH	0421z	04	Oct	2023	7.6m	Threat
NAD KOTA-BANDA-ACEH	0423z	04	Oct	2023	9.4m	Threat
NAD ACEH-BESAR B	0423z	04	Oct	2023	10.1m	Threat
NAD KOTA-SABANG P.WEH	0427z	04	Oct	2023	3.9m	Threat
NAD ACEH-BESAR P.PENASI	0429z	04	Oct	2023	5.9m	Threat
NAD ACEH-BARAT	0438z	04	Oct	2023	3.0m	Threat
NAD SIMEULUE P.SIMEULUE	0441z	04	Oct	2023	3.4m	Threat
NAD ACEH-BESAR U	0441z	04	Oct	2023	2.0m	Threat
NAD PIDIE	0445z	04	Oct	2023	1.8m	Threat
NAD NAGAN-RAYA	0449z	04	Oct	2023	4.1m	Threat

NAD BIREUEN	0456z	04	Oct	2023	1.9m	Threat
SUMUT NIAS B	0457z	04	Oct	2023	2.1m	Threat
GUNUNGSITOLI	0457z	04	Oct	2023	2.0m	Threat
NAD ACEH-BARAT-DAYA	0500z	04	Oct	2023	3.2m	Threat
NAD ACEH-SELATAN U	0500z	04	Oct	2023	2.3m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500z	04	Oct	2023	2.1m	Threat
NAD ACEH-UTARA B	0504z	04	Oct	2023	1.7m	Threat
NAD KOTA-LHOKSEUMAWA	0505z	04	Oct	2023	1.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	0506z	04	Oct	2023	1.6m	Threat
NAD ACEH-SELATAN S	0513z	04	Oct	2023	2.5m	Threat
SUMUT NIAS-SELATAN P.TANABALA	0514z	04	Oct	2023	1.4m	Threat
NAD ACEH-UTARA T	0515z	04	Oct	2023	2.9m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0519z	04	Oct	2023	1.4m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0523z	04	Oct	2023	1.5m	Threat
NAD ACEH-TIMUR	0534z	04	Oct	2023	2.7m	Threat
NAD ACEH-SINGKIL	0603z	04	Oct	2023	1.6m	Threat
SUMUT TAPANULI-TENGAH U	0626z	04	Oct	2023	2.1m	Threat
MUARASIBERUT	0627z	04	Oct	2023	2.6m	Threat
NAD KOTA-LANGSA	0637z	04	Oct	2023	2.3m	Threat
SUMUT TAPANULI-SELATAN	0642z	04	Oct	2023	1.2m	Threat
NAD ACEH-TAMIANG	0658z	04	Oct	2023	1.3m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0659z	04	Oct	2023	3.2m	Threat
NIAS	0738z	04	Oct	2023	1.5m	Threat
SUMUT LANGKAT	0741z	04	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0748z	04	Oct	2023	1.5m	Threat
NIAS-EAST	0805z	04	Oct	2023	1.4m	Threat
BELAWAN	0806z	04	Oct	2023	1.4m	Threat
SUMUT DELISERDANG	0814z	04	Oct	2023	1.7m	Threat
SUMUT SERDANG-BEDAGAI	0819z	04	Oct	2023	1.6m	Threat
SUMUT ASAHAN	0836z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0908z	04	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	0934z	04	Oct	2023	1.6m	Threat
JATENG CILACAP	1000z	04	Oct	2023	0.7m	Threat
BANTEN KOTA-CILEGON	1011z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1012z	04	Oct	2023	0.7m	Threat
BANTEN SERANG B	1012z	04	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	1016z	04	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	1017z	04	Oct	2023	0.6m	Threat
NIAS-NORTH	1046z	04	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL U	1047z	04	Oct	2023	1.4m	Threat
SUMUT MANDAILING-NATAL S	1051z	04	Oct	2023	0.9m	Threat
SOUTH OF BODAHAYIONE	1102z	04	Oct	2023	1.2m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1107z	04	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	1107z	04	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	1115z	04	Oct	2023	1.2m	Threat
LABUHAN BATU	1147z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS B	1147z	04	Oct	2023	0.8m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1154z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	1217z	04	Oct	2023	0.9m	Threat
ROKAN HILIR	1237z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1238z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1311z	04	Oct	2023	0.9m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1328z	04	Oct	2023	1.0m	Threat
SUMBAR AGAM	1332z	04	Oct	2023	1.2m	Threat
BENGKULU KAUR	1336z	04	Oct	2023	0.9m	Threat
BENGKULU SELUMA	1342z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1345z	04	Oct	2023	0.7m	Threat
JABAR CIANJUR SINDANGBARANG	1348z	04	Oct	2023	0.8m	Threat
DUMAI	1350z	04	Oct	2023	0.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	1351z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG P.PANAITAN	1351z	04	Oct	2023	1.3m	Threat
JABAR TASIKMALAYA	1354z	04	Oct	2023	1.0m	Threat
BENGKULU MUKOMUKO	1358z	04	Oct	2023	1.0m	Threat
JABAR GARUT	1409z	04	Oct	2023	0.8m	Threat
DIY BANTUL	1442z	04	Oct	2023	0.7m	Threat
DIY GUNUNG-KIDUL	1443z	04	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	1445z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG S	1454z	04	Oct	2023	0.8m	Threat

LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1520z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1525z	04	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	1527z	04	Oct	2023	0.8m	Threat
LAMPUNG TANGGAMUS P.TABUAN	1540z	04	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN S	1646z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	1708z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG S	1709z	04	Oct	2023	0.8m	Threat
SUMBAR PESISIR-SELATAN U	1711z	04	Oct	2023	0.7m	Threat
MURASAI BI	1723z	04	Oct	2023	0.7m	Threat
NTB SUMBAWA S	1800z	04	Oct	2023	0.6m	Threat
MUARASIGEP	1833z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN U	1835z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN S	1859z	04	Oct	2023	0.7m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1905z	04	Oct	2023	0.6m	Threat
JATENG KEBUMEN	1915z	04	Oct	2023	0.6m	Threat
SUMBAR KOTA-PARIAMAN	1926z	04	Oct	2023	0.7m	Threat
JATIM BLITAR	1949z	04	Oct	2023	0.5m	Threat
BALI DENPASAR PANTAI-SANUR	2022z	04	Oct	2023	0.7m	Threat
NTB LOMBOK-TIMUR S	2133z	04	Oct	2023	0.6m	Threat
NTB LOMBOK-TENGAH	2203z	04	Oct	2023	0.8m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	2205z	04	Oct	2023	0.7m	Threat
JATIM PACITAN	2305z	04	Oct	2023	0.7m	Threat
NTB KOTA-BIMA S	2316z	04	Oct	2023	0.5m	Threat
DIY KULON-PROGO	2337z	04	Oct	2023	0.6m	Threat
JATIM TRENGGALEK	2347z	04	Oct	2023	0.6m	Threat
JATIM JEMBER P.NUSABARUNG	2352z	04	Oct	2023	0.6m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0001z	05	Oct	2023	0.5m	Threat
JATENG WONOGIRI	0002z	05	Oct	2023	0.8m	Threat
JABAR CIAMIS	0021z	05	Oct	2023	0.7m	Threat
BALI TABANAN	0027z	05	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0051z	05	Oct	2023	0.6m	Threat
JATIM JEMBER	0214z	05	Oct	2023	0.6m	Threat
BANTEN LEBAK	0306z	05	Oct	2023	0.7m	Threat
JATIM MALANG	0309z	05	Oct	2023	0.5m	Threat
BALI BADUNG PANTAI-KUTA	0345z	05	Oct	2023	0.6m	Threat
IRAN						

PUSHT	1617z	04	Oct	2023	0.7m	Threat
MISKI	0355z	05	Oct	2023	0.6m	Threat
KENYA						

KIWAYU	1224z	04	Oct	2023	1.3m	Threat
KIPINI	1246z	04	Oct	2023	1.4m	Threat
KISIMACHANDE	1248z	04	Oct	2023	1.1m	Threat
MALINDI	1251z	04	Oct	2023	1.5m	Threat
MVULENI	1541z	04	Oct	2023	0.9m	Threat
MADAGASCAR						

VOHEMAR	1157z	04	Oct	2023	1.1m	Threat
TOAMASINA AIRPORT	1227z	04	Oct	2023	1.1m	Threat
AMBAHY	1233z	04	Oct	2023	1.0m	Threat
TAMPOLO	1236z	04	Oct	2023	1.1m	Threat
MANANTENINA	1251z	04	Oct	2023	1.0m	Threat
FARAFAGANA	1448z	04	Oct	2023	0.5m	Threat
GLORIOSO ISLANDS	1511z	04	Oct	2023	0.9m	Threat
SAMPONA	1624z	04	Oct	2023	0.9m	Threat
ANOROTSANGANA	1805z	04	Oct	2023	0.7m	Threat
BALY	2054z	04	Oct	2023	0.7m	Threat
AMBANJA	0414z	05	Oct	2023	0.6m	Threat
MALAYSIA						

SATUN	0721z	04	Oct	2023	1.1m	Threat
YAN	0727z	04	Oct	2023	1.3m	Threat
WEST OF ALOR SETAR	0741z	04	Oct	2023	1.5m	Threat

SEBERANG PERAI UTARA & BARAT DAYA	0756z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI SELATAN	0758z	04	Oct	2023	1.3m	Threat
KUALA MUDA	0804z	04	Oct	2023	1.3m	Threat
KERIAN	0818z	04	Oct	2023	1.3m	Threat
LARUT AND MATANG	0828z	04	Oct	2023	1.4m	Threat
MANJUNG	0842z	04	Oct	2023	1.5m	Threat
HILIR PERAK	1107z	04	Oct	2023	1.1m	Threat
SABAK BERNAM	1139z	04	Oct	2023	1.0m	Threat
KUALA SELANGOR	1155z	04	Oct	2023	1.1m	Threat
KUALA LANGAT	1225z	04	Oct	2023	0.9m	Threat
PORT DICKSON	1750z	04	Oct	2023	0.7m	Threat
SEPANG	2255z	04	Oct	2023	0.6m	Threat

MALDIVES

MALE	0711z	04	Oct	2023	4.3m	Threat
KOLHUFUSHI	0713z	04	Oct	2023	3.6m	Threat
DHIYAMIGILI	0714z	04	Oct	2023	6.6m	Threat
KULHUDUFFUSHI	0717z	04	Oct	2023	4.2m	Threat
THINADHOO	0719z	04	Oct	2023	3.1m	Threat
HITHADHOO	0720z	04	Oct	2023	1.9m	Threat
GOIDHOO	0726z	04	Oct	2023	2.3m	Threat
FERIDHOO	0732z	04	Oct	2023	2.0m	Threat
NILANDHOO	0734z	04	Oct	2023	2.8m	Threat

MAURITIUS

LA FERME	1013z	04	Oct	2023	1.6m	Threat
CARGADOS CARAJOS	1106z	04	Oct	2023	1.1m	Threat
GRANDE REVIERE SUD EST-EAST	1212z	04	Oct	2023	0.7m	Threat

MOZAMBIQUE

MAGANJA	1319z	04	Oct	2023	1.3m	Threat
MERONVI	1424z	04	Oct	2023	1.3m	Threat
LUMBO	1539z	04	Oct	2023	1.0m	Threat
MOGINCUAL	1646z	04	Oct	2023	0.8m	Threat
TAVARI	1700z	04	Oct	2023	0.8m	Threat
QUITERAJO	1720z	04	Oct	2023	1.0m	Threat
MAGUEMBA	1742z	04	Oct	2023	0.8m	Threat
NANGATA	1903z	04	Oct	2023	0.7m	Threat
PEMBA	1913z	04	Oct	2023	0.8m	Threat
MOEBASE	0140z	05	Oct	2023	0.5m	Threat

MYANMAR

GREAT WESTERN TORRES ISLAND	0534z	04	Oct	2023	2.3m	Threat
LORD LOUGHBOROUGH ISLAND	0534z	04	Oct	2023	2.2m	Threat
THAN KYUN	0538z	04	Oct	2023	2.3m	Threat
LITTLE COCO ISLAND	0540z	04	Oct	2023	1.6m	Threat
PREPARIS ISLAND	0548z	04	Oct	2023	1.0m	Threat
CHEDUBA ISLAND	0632z	04	Oct	2023	1.9m	Threat
SITTWE	0659z	04	Oct	2023	1.5m	Threat
MALI KYUN	0701z	04	Oct	2023	1.7m	Threat
MAGYIGYAING	0702z	04	Oct	2023	1.7m	Threat
THAWINCHAUNG	0705z	04	Oct	2023	1.3m	Threat
KYAUKPYU	0706z	04	Oct	2023	1.9m	Threat
PHARPON	0708z	04	Oct	2023	1.7m	Threat
YE	0739z	04	Oct	2023	1.4m	Threat
YANGON-S	0742z	04	Oct	2023	1.1m	Threat
KYWEGYAUNG	0843z	04	Oct	2023	2.0m	Threat
MAWYEN	0854z	04	Oct	2023	1.9m	Threat

OMAN

MIRBAT	1232z	04	Oct	2023	0.6m	Threat
SALALAH	1238z	04	Oct	2023	1.1m	Threat
TAQAH	1259z	04	Oct	2023	0.9m	Threat

HASIK	1328z	04	Oct	2023	0.8m	Threat
AD DUQM	1551z	04	Oct	2023	0.8m	Threat
AL ASHKHARAH	1609z	04	Oct	2023	0.7m	Threat
RAS AR RUWAYS	1616z	04	Oct	2023	0.8m	Threat
EAST MUSANDAM	0329z	05	Oct	2023	0.6m	Threat
MASIRAH	0432z	05	Oct	2023	0.6m	Threat
SUR	0434z	05	Oct	2023	0.6m	Threat
MUSCAT	0454z	05	Oct	2023	0.5m	Threat

PAKISTAN

WINDER	1950z	04	Oct	2023	0.7m	Threat
ORMARA	2137z	04	Oct	2023	0.7m	Threat
SINDH	0420z	05	Oct	2023	0.7m	Threat

SEYCHELLES

FREGATE ISLAND	1025z	04	Oct	2023	1.3m	Threat
TAKAMAKA	1142z	04	Oct	2023	1.0m	Threat

SOMALIA

BANDER-BEYLA	1111z	04	Oct	2023	2.2m	Threat
TOOXIN	1118z	04	Oct	2023	2.0m	Threat
EYL	1119z	04	Oct	2023	1.8m	Threat
GALDOGOB	1121z	04	Oct	2023	2.0m	Threat
JARI IBAN	1122z	04	Oct	2023	1.6m	Threat
MAREEG	1131z	04	Oct	2023	1.9m	Threat
ITALA	1132z	04	Oct	2023	1.3m	Threat
CEEL DHEER	1132z	04	Oct	2023	2.1m	Threat
XARARDHEERE	1133z	04	Oct	2023	2.5m	Threat
UARSCIECH	1135z	04	Oct	2023	1.4m	Threat
MUQDISHO	1141z	04	Oct	2023	1.4m	Threat
ABO	1151z	04	Oct	2023	1.2m	Threat
BARAAWE	1156z	04	Oct	2023	1.0m	Threat
JILIB	1200z	04	Oct	2023	1.1m	Threat
NE BEERNAASI	1208z	04	Oct	2023	1.5m	Threat
KAAMBOONI	1215z	04	Oct	2023	1.0m	Threat
QANDALA	2357z	04	Oct	2023	0.5m	Threat

SOUTH AFRICA

MOSSEL	2205z	04	Oct	2023	0.7m	Threat
PORT ELIZABETH	2302z	04	Oct	2023	0.6m	Threat
GEORGE	0021z	05	Oct	2023	0.6m	Threat
HANKEY	0214z	05	Oct	2023	0.5m	Threat
KAYSERS BEACH	0324z	05	Oct	2023	0.6m	Threat
ALEXANDRIA	0406z	05	Oct	2023	0.5m	Threat
PORT DURNFORD	0410z	05	Oct	2023	0.6m	Threat
MANDI	0444z	05	Oct	2023	0.5m	Threat

SRI LANKA

AKKARAI PATTU	0547z	04	Oct	2023	3.5m	Threat
OKANDA	0548z	04	Oct	2023	1.8m	Threat
BATTICALOA	0548z	04	Oct	2023	5.3m	Threat
KIRINDA	0551z	04	Oct	2023	6.0m	Threat
POTTUVIL	0551z	04	Oct	2023	4.2m	Threat
ANAITIVU	0551z	04	Oct	2023	3.1m	Threat
PANKULAM	0555z	04	Oct	2023	4.3m	Threat
KATTANKUDI	0556z	04	Oct	2023	6.0m	Threat
MULLAITTIVU	0603z	04	Oct	2023	4.6m	Threat
MATARA	0603z	04	Oct	2023	2.7m	Threat
TANGALLE	0605z	04	Oct	2023	2.2m	Threat
HAMBANTOTA	0608z	04	Oct	2023	5.2m	Threat
GALLE	0613z	04	Oct	2023	3.1m	Threat
AMBALANGODA	0616z	04	Oct	2023	1.9m	Threat
CHUNDI KULAM	0619z	04	Oct	2023	3.6m	Threat

BERUWALA	0621z	04	Oct	2023	1.6m	Threat
MORATUWA	0627z	04	Oct	2023	1.8m	Threat
CHAVAKACHCHERI	0630z	04	Oct	2023	3.6m	Threat
COLOMBO	0634z	04	Oct	2023	3.0m	Threat
POINT PEDRO	0635z	04	Oct	2023	3.2m	Threat
NEGOMBO	0636z	04	Oct	2023	1.4m	Threat
MUNDAL LAKE	0644z	04	Oct	2023	1.4m	Threat
MANNAR ISLAND	0652z	04	Oct	2023	1.6m	Threat
MUSALI	0708z	04	Oct	2023	1.3m	Threat
TANZANIA						

MADANGWA	1259z	04	Oct	2023	0.9m	Threat
VUMBA	1303z	04	Oct	2023	1.0m	Threat
JIMBO	1314z	04	Oct	2023	0.9m	Threat
KUTANI	1320z	04	Oct	2023	0.8m	Threat
SONGO SONGO ISLAND	1321z	04	Oct	2023	1.0m	Threat
VUMBI	1323z	04	Oct	2023	0.6m	Threat
ZANZIBAR	1333z	04	Oct	2023	0.8m	Threat
MSASANI	1353z	04	Oct	2023	0.9m	Threat
RUVU	1419z	04	Oct	2023	1.1m	Threat
BAGAMOYO	1521z	04	Oct	2023	0.8m	Threat
WEST TO KONDE	1525z	04	Oct	2023	0.8m	Threat
BOMALANDNI	2057z	04	Oct	2023	0.6m	Threat
THAILAND						

THAI MUEANG	0528z	04	Oct	2023	3.4m	Threat
KO RACHA NOI	0535z	04	Oct	2023	3.0m	Threat
KOH SURIN TAI	0539z	04	Oct	2023	2.7m	Threat
THAI MUEANG TAKUA PA	0609z	04	Oct	2023	2.9m	Threat
KOH LANTA YAI	0612z	04	Oct	2023	2.4m	Threat
KOH ROK	0617z	04	Oct	2023	1.9m	Threat
MUEANG SATUN	0623z	04	Oct	2023	1.6m	Threat
KOH TARUTAO	0711z	04	Oct	2023	2.3m	Threat
UNITED ARAB EMIRATES						

KALBA	0326z	05	Oct	2023	0.7m	Threat
UNITED KINGDOM						

MORESBY ISLAND	0736z	04	Oct	2023	4.2m	Threat
DIEGO GARCIA	0743z	04	Oct	2023	1.5m	Threat
NW EGMONT ISLAND	0810z	04	Oct	2023	0.7m	Threat
YEMEN						

DAMQAWT	1126z	04	Oct	2023	1.0m	Threat
AL GHAYDAH AIRPORT	1139z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND SOUTH	1147z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND NORTH	1247z	04	Oct	2023	1.0m	Threat
MASILAH WADI	1325z	04	Oct	2023	0.7m	Threat
HUSWAYN	1330z	04	Oct	2023	1.8m	Threat
HAMI	1333z	04	Oct	2023	0.8m	Threat
AL MUKALLA	1359z	04	Oct	2023	1.1m	Threat
KHANFAR	1447z	04	Oct	2023	0.9m	Threat
ALQUMRAH	1508z	04	Oct	2023	1.0m	Threat
HARRAH	1917z	04	Oct	2023	0.7m	Threat
EAST TO HAMI	2116z	04	Oct	2023	0.7m	Threat
MAALLAH	2301z	04	Oct	2023	1.0m	Threat
SOCOTRA ISLAND WEST	2349z	04	Oct	2023	0.7m	Threat

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.

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 IOTWMS-TSP INDIA for this event as more information becomes available.

OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDONESIA: <http://inatews.bmkg.gov.id>

6. CONTACT INFORMATION

IOTWMS-TSP INDIA:

INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)

Indian National Centre for Ocean Information Services (INCOIS)

Address: "ocean valley", Pragathi Nagar (Bo), Nizampet (So),

Hyderabad - 500 090, India

Phone: 91-40-23895011

Fax: 91-40-23895012

Email: tsunami@incois.gov.in

Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT
#####

BULLETIN 14

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT
#####

TSUNAMI BULLETIN NUMBER 14 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 1500 UTC WEDNESDAY 04 OCTOBER 2023

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

This bulletin applies to areas within and bordering the Indian Ocean.

It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400UTC
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
Campbell Bay (INDIA)	7.00N	93.93E	0428z	04 Oct 2023	6.0m
Sabang (INDONESIA)	5.83N	95.33E	0429z	04 Oct 2023	3.6m
Portblair (INDIA)	11.6N	92.77E	0439z	04 Oct 2023	3.6m
DART 23227 (INDIA)	6.25N	88.88E	0441z	04 Oct 2023	2.6m
Nancowry (INDIA)	8.05N	93.55E	0508z	04 Oct 2023	8.4m
Meulaboh (INDONESIA)	4.13N	96.13E	0514z	04 Oct 2023	9.1m
Trincommalee (SRILANKA)	8.56N	81.20E	0557z	04 Oct 2023	4.8m
Enggano (INDONESIA)	5.35S	102.28E	0612z	04 Oct 2023	0.9m
Chennai (INDIA)	13.1N	80.30E	0620z	04 Oct 2023	6.0m
Visakhapatnam (INDIA)	17.6N	83.28E	0629z	04 Oct 2023	3.9m
Colombo (SRILANKA)	6.95N	79.85E	0632z	04 Oct 2023	3.9m
Hanimaadhoo (MALDIVE ISLANDS)	6.77N	73.17E	0718z	04 Oct 2023	4.6m
Minicoy (INDIA)	8.28N	73.05E	0724z	04 Oct 2023	2.0m
Diego Garcia (UK)	7.29S	72.39E	0739z	04 Oct 2023	3.1m
Sadeng (INDONESIA)	8.19S	110.80E	0747z	04 Oct 2023	0.8m
Cuddalore (INDIA)	11.7N	79.75E	0801z	04 Oct 2023	4.3m
Cochin (INDIA)	9.97N	76.27E	0817z	04 Oct 2023	2.4m
Benoa (INDONESIA)	8.75S	115.22E	0831z	04 Oct 2023	0.4m
Point Murat (AUSTRALIA)	21.8S	114.19E	0924z	04 Oct 2023	1.0m
Marmagao (INDIA)	15.4N	73.80E	0948z	04 Oct 2023	1.5m
Rodrigue (MAURITIUS)	19.6S	63.42E	0950z	04 Oct 2023	3.2m
Agalega (MAURITIUS)	10.3S	56.59E	1019z	04 Oct 2023	1.3m
Chittagong (BANGLADESH)	22.2N	91.82E	1044z	04 Oct 2023	2.8m
Salalah (OMAN)	16.9N	54.01E	1052z	04 Oct 2023	1.7m
Veeraval (INDIA)	20.9N	70.37E	1104z	04 Oct 2023	0.4m
Muscat (OMAN)	23.6N	58.57E	1105z	04 Oct 2023	0.8m
Jask (IRAN)	25.6N	57.77E	1130z	04 Oct 2023	0.4m
Dzaoudzi (FRANCE)	12.7S	45.26E	1210z	04 Oct 2023	0.3m
Comoros (COMORES)	11.7S	43.25E	1225z	04 Oct 2023	0.2m
Mombasa (KENYA)	4.07S	39.65E	1240z	04 Oct 2023	2.9m
Karachi (PAKISTAN)	24.8N	66.97E	1320z	04 Oct 2023	0.5m
Waikelo (INDONESIA)	9.39S	119.22E	1349z	04 Oct 2023	0.2m
Masirah (OMAN)	20.6N	58.87E	1354z	04 Oct 2023	0.8m
Pemba (MOCAMBIQUE)	12.9S	40.49E	1425z	04 Oct 2023	0.2m
Machilipatnam (INDIA)	16.1N	81.18E	1430z	04 Oct 2023	2.7m
Zanzibar (TANZANIA)	6.16S	39.19E	1444z	04 Oct 2023	0.7m

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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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.

AUSTRALIA

PILBARA COAST WEST	1037z	04	Oct	2023	0.8m	Threat
GASCOYNE COAST	1441z	04	Oct	2023	0.9m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1446z	04	Oct	2023	1.1m	Threat
PILBARA COAST EAST	1501z	04	Oct	2023	0.9m	Threat
GERALDTON COAST	1517z	04	Oct	2023	1.0m	Threat
BUNBURY GEOGRAPHE COAST	1518z	04	Oct	2023	0.8m	Threat
NINGALOO COAST	1609z	04	Oct	2023	0.6m	Threat
LEEUVIN COAST	1642z	04	Oct	2023	0.8m	Threat
LANCELIN COAST	2301z	04	Oct	2023	0.6m	Threat
ALBANY COAST	0221z	05	Oct	2023	0.6m	Threat
WEST KIMBERLY COAST	0324z	05	Oct	2023	0.6m	Threat
PERTH COAST	0431z	05	Oct	2023	0.7m	Threat

BANGLADESH

COXS BAZAR	0733z	04	Oct	2023	1.8m	Threat
KUTUBDIA ISLAND	0753z	04	Oct	2023	1.7m	Threat
BARGUNA	0759z	04	Oct	2023	2.0m	Threat
CHALNA	0941z	04	Oct	2023	1.1m	Threat

COMOROS

CHEZANI	1442z	04	Oct	2023	0.7m	Threat
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DJIBOUTI

NW ARTA	1412z	04	Oct	2023	0.7m	Threat
MUHAMMAD ALI BIN FATHA SUMANA	0419z	05	Oct	2023	0.5m	Threat

FRANCE

ILE KERGUELEN	1444z	04	Oct	2023	1.7m	Threat
CROZET PLATEAU	1546z	04	Oct	2023	0.6m	Threat
ILE DE LA POSSESSION	2025z	04	Oct	2023	0.7m	Threat

INDIA

KOMATRA & KATCHAL ISLAND	0402z	04	Oct	2023	9.6m	Threat
INDIRA POINT	0402z	04	Oct	2023	12.5m	Threat
CAR NICOBAR	0404z	04	Oct	2023	6.9m	Threat
LITTLE ANDAMAN	0433z	04	Oct	2023	9.6m	Threat
PORT BLAIR	0446z	04	Oct	2023	7.2m	Threat
NORTH SENTINEL ISLAND	0449z	04	Oct	2023	3.3m	Threat
HAVELOCK	0456z	04	Oct	2023	3.5m	Threat
BARREN ISLAND	0505z	04	Oct	2023	0.7m	Threat
RANGATH BAY	0509z	04	Oct	2023	3.4m	Threat
DIGLIPUR	0515z	04	Oct	2023	2.2m	Threat
FLAT ISLAND	0522z	04	Oct	2023	2.6m	Threat
WEST & LANDFALL ISLAND	0523z	04	Oct	2023	2.1m	Threat
NARCONDAM ISLAND	0552z	04	Oct	2023	0.6m	Threat
MARAKKANAM	0617z	04	Oct	2023	5.5m	Threat
PUDUCHERRY	0619z	04	Oct	2023	7.1m	Threat
CUDDALORE	0620z	04	Oct	2023	4.7m	Threat
POOMBUHAR	0621z	04	Oct	2023	4.2m	Threat
ENNORE	0622z	04	Oct	2023	5.0m	Threat
KAKINADA	0623z	04	Oct	2023	2.9m	Threat

MAHABALIPURAM	0625z	04	Oct	2023	5.4m	Threat
MACHILIPATNAM	0625z	04	Oct	2023	3.0m	Threat
SRIHARIKOTA	0627z	04	Oct	2023	4.2m	Threat
PERUPALEM	0628z	04	Oct	2023	2.1m	Threat
CHENNAI	0629z	04	Oct	2023	5.9m	Threat
NAGAPATTINAM	0630z	04	Oct	2023	4.2m	Threat
KARAIKAL	0632z	04	Oct	2023	3.6m	Threat
NIJAMPATTANAM	0633z	04	Oct	2023	3.1m	Threat
PURI	0638z	04	Oct	2023	2.8m	Threat
MALLIPATTINAM	0638z	04	Oct	2023	3.0m	Threat
MUTHUPET	0638z	04	Oct	2023	3.1m	Threat
KOTTAPATNAM	0639z	04	Oct	2023	3.4m	Threat
VISAKHAPATNAM	0639z	04	Oct	2023	3.0m	Threat
PARADIIP	0639z	04	Oct	2023	1.7m	Threat
KALINGAPATNAM	0640z	04	Oct	2023	3.4m	Threat
KONADA	0640z	04	Oct	2023	2.5m	Threat
GOPALPUR	0648z	04	Oct	2023	2.7m	Threat
JAMBOO	0656z	04	Oct	2023	1.8m	Threat
RAMESWARAM	0700z	04	Oct	2023	1.6m	Threat
TUTICORIN	0702z	04	Oct	2023	2.1m	Threat
KOTTAIPPATTANAM	0703z	04	Oct	2023	1.5m	Threat
KOODANKULAM	0718z	04	Oct	2023	1.6m	Threat
KANYAKUMARI	0726z	04	Oct	2023	2.8m	Threat
HEMNAGAR	0729z	04	Oct	2023	1.2m	Threat
QUILON	0731z	04	Oct	2023	1.0m	Threat
DHAMRA	0734z	04	Oct	2023	1.7m	Threat
NAMKHANA	0736z	04	Oct	2023	1.3m	Threat
TRIVANDRUM	0737z	04	Oct	2023	1.8m	Threat
DIGHA	0742z	04	Oct	2023	2.0m	Threat
ALLEPPEY ALAPPUZHA	0746z	04	Oct	2023	1.4m	Threat
CHANDIPUR	0749z	04	Oct	2023	1.6m	Threat
KAVARATTI	0823z	04	Oct	2023	0.5m	Threat
AGATTI	0844z	04	Oct	2023	0.7m	Threat
VADANAPPALLY	1040z	04	Oct	2023	1.0m	Threat
COCHIN	1043z	04	Oct	2023	1.3m	Threat
MALVAN BAY	1051z	04	Oct	2023	0.7m	Threat
KARWAR	1052z	04	Oct	2023	1.1m	Threat
UDUPI	1102z	04	Oct	2023	0.9m	Threat
BEYPORE	1110z	04	Oct	2023	1.0m	Threat
KANNUR	1115z	04	Oct	2023	1.0m	Threat
MAHE	1121z	04	Oct	2023	0.9m	Threat
JAIGARH	1245z	04	Oct	2023	0.7m	Threat
KASARAGOD	1300z	04	Oct	2023	1.2m	Threat
VAKKAD	1318z	04	Oct	2023	1.0m	Threat
VASCO	1332z	04	Oct	2023	0.7m	Threat
PANAJI	1457z	04	Oct	2023	0.8m	Threat
MANGALORE	1851z	04	Oct	2023	0.9m	Threat
TARAPUR	2246z	04	Oct	2023	0.5m	Threat
HAZIRA, DIU	0003z	05	Oct	2023	0.6m	Threat
BHARUCH	0029z	05	Oct	2023	0.6m	Threat
HAZIRA	0032z	05	Oct	2023	0.6m	Threat
ALIBAG PORT	0227z	05	Oct	2023	0.5m	Threat
KHAMBAT	0325z	05	Oct	2023	0.6m	Threat
DWARKA	0333z	05	Oct	2023	0.6m	Threat

INDONESIA

NAD ACEH-JAYA	0420z	04	Oct	2023	6.1m	Threat
NAD ACEH-BESAR P.BREUEH	0421z	04	Oct	2023	7.6m	Threat
NAD KOTA-BANDA-ACEH	0423z	04	Oct	2023	9.4m	Threat
NAD ACEH-BESAR B	0423z	04	Oct	2023	10.1m	Threat
NAD KOTA-SABANG P.WEH	0427z	04	Oct	2023	3.9m	Threat
NAD ACEH-BESAR P.PENASI	0429z	04	Oct	2023	5.9m	Threat
NAD ACEH-BARAT	0438z	04	Oct	2023	3.0m	Threat
NAD SIMEULUE P.SIMEULUE	0441z	04	Oct	2023	3.4m	Threat
NAD ACEH-BESAR U	0441z	04	Oct	2023	2.0m	Threat
NAD PIDIE	0445z	04	Oct	2023	1.8m	Threat
NAD NAGAN-RAYA	0449z	04	Oct	2023	4.1m	Threat

NAD BIREUEN	0456z	04	Oct	2023	1.9m	Threat
SUMUT NIAS B	0457z	04	Oct	2023	2.1m	Threat
GUNUNGSITOLI	0457z	04	Oct	2023	2.0m	Threat
NAD ACEH-BARAT-DAYA	0500z	04	Oct	2023	3.2m	Threat
NAD ACEH-SELATAN U	0500z	04	Oct	2023	2.3m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	0500z	04	Oct	2023	2.1m	Threat
NAD ACEH-UTARA B	0504z	04	Oct	2023	1.7m	Threat
NAD KOTA-LHOKSEUMAWA	0505z	04	Oct	2023	1.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	0506z	04	Oct	2023	1.6m	Threat
NAD ACEH-SELATAN S	0513z	04	Oct	2023	2.5m	Threat
SUMUT NIAS-SELATAN P.TANABALA	0514z	04	Oct	2023	1.4m	Threat
NAD ACEH-UTARA T	0515z	04	Oct	2023	2.9m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	0519z	04	Oct	2023	1.4m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0523z	04	Oct	2023	1.5m	Threat
NAD ACEH-TIMUR	0534z	04	Oct	2023	2.7m	Threat
NAD ACEH-SINGKIL	0603z	04	Oct	2023	1.6m	Threat
SUMUT TAPANULI-TENGAH U	0626z	04	Oct	2023	2.1m	Threat
MUARASIBERUT	0627z	04	Oct	2023	2.6m	Threat
NAD KOTA-LANGSA	0637z	04	Oct	2023	2.3m	Threat
SUMUT TAPANULI-SELATAN	0642z	04	Oct	2023	1.2m	Threat
NAD ACEH-TAMIANG	0658z	04	Oct	2023	1.3m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0659z	04	Oct	2023	3.2m	Threat
NIAS	0738z	04	Oct	2023	1.5m	Threat
SUMUT LANGKAT	0741z	04	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0748z	04	Oct	2023	1.5m	Threat
NIAS-EAST	0805z	04	Oct	2023	1.4m	Threat
BELAWAN	0806z	04	Oct	2023	1.4m	Threat
SUMUT DELISERDANG	0814z	04	Oct	2023	1.7m	Threat
SUMUT SERDANG-BEDAGAI	0819z	04	Oct	2023	1.6m	Threat
SUMUT ASAHAN	0836z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0908z	04	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	0934z	04	Oct	2023	1.6m	Threat
JATENG CILACAP	1000z	04	Oct	2023	0.7m	Threat
BANTEN KOTA-CILEGON	1011z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1012z	04	Oct	2023	0.7m	Threat
BANTEN SERANG B	1012z	04	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	1016z	04	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	1017z	04	Oct	2023	0.6m	Threat
NIAS-NORTH	1046z	04	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL U	1047z	04	Oct	2023	1.4m	Threat
SUMUT MANDAILING-NATAL S	1051z	04	Oct	2023	0.9m	Threat
SOUTH OF BODAHAYIONE	1102z	04	Oct	2023	1.2m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	1107z	04	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	1107z	04	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	1115z	04	Oct	2023	1.2m	Threat
LABUHAN BATU	1147z	04	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS B	1147z	04	Oct	2023	0.8m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1154z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	1217z	04	Oct	2023	0.9m	Threat
ROKAN HILIR	1237z	04	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1238z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1311z	04	Oct	2023	0.9m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	1328z	04	Oct	2023	1.0m	Threat
SUMBAR AGAM	1332z	04	Oct	2023	1.2m	Threat
BENGKULU KAUR	1336z	04	Oct	2023	0.9m	Threat
BENGKULU SELUMA	1342z	04	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	1345z	04	Oct	2023	0.7m	Threat
JABAR CIANJUR SINDANGBARANG	1348z	04	Oct	2023	0.8m	Threat
DUMAI	1350z	04	Oct	2023	0.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	1351z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG P.PANAITAN	1351z	04	Oct	2023	1.3m	Threat
JABAR TASIKMALAYA	1354z	04	Oct	2023	1.0m	Threat
BENGKULU MUKOMUKO	1358z	04	Oct	2023	1.0m	Threat
JABAR GARUT	1409z	04	Oct	2023	0.8m	Threat
DIY BANTUL	1442z	04	Oct	2023	0.7m	Threat
DIY GUNUNG-KIDUL	1443z	04	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	1445z	04	Oct	2023	0.7m	Threat
BANTEN PANDEGLANG S	1454z	04	Oct	2023	0.8m	Threat

LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	1520z	04	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	1525z	04	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	1527z	04	Oct	2023	0.8m	Threat
LAMPUNG TANGGAMUS P.TABUAN	1540z	04	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN S	1646z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	1708z	04	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG S	1709z	04	Oct	2023	0.8m	Threat
SUMBAR PESISIR-SELATAN U	1711z	04	Oct	2023	0.7m	Threat
MURASAIBI	1723z	04	Oct	2023	0.7m	Threat
NTB SUMBAWA S	1800z	04	Oct	2023	0.6m	Threat
MUARASIGEP	1833z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN U	1835z	04	Oct	2023	0.7m	Threat
SUMBAR PADANG-PARIAMAN S	1859z	04	Oct	2023	0.7m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	1905z	04	Oct	2023	0.6m	Threat
JATENG KEBUMEN	1915z	04	Oct	2023	0.6m	Threat
SUMBAR KOTA-PARIAMAN	1926z	04	Oct	2023	0.7m	Threat
JATIM BLITAR	1949z	04	Oct	2023	0.5m	Threat
BALI DENPASAR PANTAI-SANUR	2022z	04	Oct	2023	0.7m	Threat
NTB LOMBOK-TIMUR S	2133z	04	Oct	2023	0.6m	Threat
NTB LOMBOK-TENGAH	2203z	04	Oct	2023	0.8m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	2205z	04	Oct	2023	0.7m	Threat
JATIM PACITAN	2305z	04	Oct	2023	0.7m	Threat
NTB KOTA-BIMA S	2316z	04	Oct	2023	0.5m	Threat
DIY KULON-PROGO	2337z	04	Oct	2023	0.6m	Threat
JATIM TRENGGALEK	2347z	04	Oct	2023	0.6m	Threat
JATIM JEMBER P.NUSABARUNG	2352z	04	Oct	2023	0.6m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0001z	05	Oct	2023	0.5m	Threat
JATENG WONOGIRI	0002z	05	Oct	2023	0.8m	Threat
JABAR CIAMIS	0021z	05	Oct	2023	0.7m	Threat
BALI TABANAN	0027z	05	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0051z	05	Oct	2023	0.6m	Threat
JATIM JEMBER	0214z	05	Oct	2023	0.6m	Threat
BANTEN LEBAK	0306z	05	Oct	2023	0.7m	Threat
JATIM MALANG	0309z	05	Oct	2023	0.5m	Threat
BALI BADUNG PANTAI-KUTA	0345z	05	Oct	2023	0.6m	Threat
IRAN						

PUSHT	1617z	04	Oct	2023	0.7m	Threat
MISKI	0355z	05	Oct	2023	0.6m	Threat
KENYA						

KIWAYU	1224z	04	Oct	2023	1.3m	Threat
KIPINI	1246z	04	Oct	2023	1.4m	Threat
KISIMACHANDE	1248z	04	Oct	2023	1.1m	Threat
MALINDI	1251z	04	Oct	2023	1.5m	Threat
MVULENI	1541z	04	Oct	2023	0.9m	Threat
MADAGASCAR						

VOHEMAR	1157z	04	Oct	2023	1.1m	Threat
TOAMASINA AIRPORT	1227z	04	Oct	2023	1.1m	Threat
AMBAHY	1233z	04	Oct	2023	1.0m	Threat
TAMPOLO	1236z	04	Oct	2023	1.1m	Threat
MANANTENINA	1251z	04	Oct	2023	1.0m	Threat
FARAFAGANA	1448z	04	Oct	2023	0.5m	Threat
GLORIOSO ISLANDS	1511z	04	Oct	2023	0.9m	Threat
SAMPONA	1624z	04	Oct	2023	0.9m	Threat
ANOROTSANGANA	1805z	04	Oct	2023	0.7m	Threat
BALY	2054z	04	Oct	2023	0.7m	Threat
AMBANJA	0414z	05	Oct	2023	0.6m	Threat
MALAYSIA						

SATUN	0721z	04	Oct	2023	1.1m	Threat
YAN	0727z	04	Oct	2023	1.3m	Threat
WEST OF ALOR SETAR	0741z	04	Oct	2023	1.5m	Threat

IOC Technical Series, 181 (I) Supplement 1
page 244

SEBERANG PERAI UTARA & BARAT DAYA	0756z	04	Oct	2023	1.5m	Threat
SEBERANG PERAI SELATAN	0758z	04	Oct	2023	1.3m	Threat
KUALA MUDA	0804z	04	Oct	2023	1.3m	Threat
KERIAN	0818z	04	Oct	2023	1.3m	Threat
LARUT AND MATANG	0828z	04	Oct	2023	1.4m	Threat
MANJUNG	0842z	04	Oct	2023	1.5m	Threat
HILIR PERAK	1107z	04	Oct	2023	1.1m	Threat
SABAK BERNAM	1139z	04	Oct	2023	1.0m	Threat
KUALA SELANGOR	1155z	04	Oct	2023	1.1m	Threat
KUALA LANGAT	1225z	04	Oct	2023	0.9m	Threat
PORT DICKSON	1750z	04	Oct	2023	0.7m	Threat
SEPANG	2255z	04	Oct	2023	0.6m	Threat

MALDIVES

MALE	0711z	04	Oct	2023	4.3m	Threat
KOLHUFUSHI	0713z	04	Oct	2023	3.6m	Threat
DHIYAMIGILI	0714z	04	Oct	2023	6.6m	Threat
KULHUDUFFUSHI	0717z	04	Oct	2023	4.2m	Threat
THINADHOO	0719z	04	Oct	2023	3.1m	Threat
HITHADHOO	0720z	04	Oct	2023	1.9m	Threat
GOIDHOO	0726z	04	Oct	2023	2.3m	Threat
FERIDHOO	0732z	04	Oct	2023	2.0m	Threat
NILANDHOO	0734z	04	Oct	2023	2.8m	Threat

MAURITIUS

LA FERME	1013z	04	Oct	2023	1.6m	Threat
CARGADOS CARAJOS	1106z	04	Oct	2023	1.1m	Threat
GRANDE REVIERE SUD EST-EAST	1212z	04	Oct	2023	0.7m	Threat

MOZAMBIQUE

MAGANJA	1319z	04	Oct	2023	1.3m	Threat
MERONVI	1424z	04	Oct	2023	1.3m	Threat
LUMBO	1539z	04	Oct	2023	1.0m	Threat
MOGINCUAL	1646z	04	Oct	2023	0.8m	Threat
TAVARI	1700z	04	Oct	2023	0.8m	Threat
QUITERAJO	1720z	04	Oct	2023	1.0m	Threat
MAGUEMBA	1742z	04	Oct	2023	0.8m	Threat
NANGATA	1903z	04	Oct	2023	0.7m	Threat
PEMBA	1913z	04	Oct	2023	0.8m	Threat
MOEBASE	0140z	05	Oct	2023	0.5m	Threat

MYANMAR

GREAT WESTERN TORRES ISLAND	0534z	04	Oct	2023	2.3m	Threat
LORD LOUGHBOROUGH ISLAND	0534z	04	Oct	2023	2.2m	Threat
THAN KYUN	0538z	04	Oct	2023	2.3m	Threat
LITTLE COCO ISLAND	0540z	04	Oct	2023	1.6m	Threat
PREPARIS ISLAND	0548z	04	Oct	2023	1.0m	Threat
CHEDUBA ISLAND	0632z	04	Oct	2023	1.9m	Threat
SITTWE	0659z	04	Oct	2023	1.5m	Threat
MALI KYUN	0701z	04	Oct	2023	1.7m	Threat
MAGYIGYAING	0702z	04	Oct	2023	1.7m	Threat
THAWINCHAUNG	0705z	04	Oct	2023	1.3m	Threat
KYAUKPYU	0706z	04	Oct	2023	1.9m	Threat
PHARPON	0708z	04	Oct	2023	1.7m	Threat
YE	0739z	04	Oct	2023	1.4m	Threat
YANGON-S	0742z	04	Oct	2023	1.1m	Threat
KYWEGYAUNG	0843z	04	Oct	2023	2.0m	Threat
MAWYEN	0854z	04	Oct	2023	1.9m	Threat

OMAN

MIRBAT	1232z	04	Oct	2023	0.6m	Threat
SALALAH	1238z	04	Oct	2023	1.1m	Threat
TAQAH	1259z	04	Oct	2023	0.9m	Threat

HASIK	1328z	04	Oct	2023	0.8m	Threat
AD DUQM	1551z	04	Oct	2023	0.8m	Threat
AL ASHKHARAH	1609z	04	Oct	2023	0.7m	Threat
RAS AR RUWAYS	1616z	04	Oct	2023	0.8m	Threat
EAST MUSANDAM	0329z	05	Oct	2023	0.6m	Threat
MASIRAH	0432z	05	Oct	2023	0.6m	Threat
SUR	0434z	05	Oct	2023	0.6m	Threat
MUSCAT	0454z	05	Oct	2023	0.5m	Threat

PAKISTAN

WINDER	1950z	04	Oct	2023	0.7m	Threat
ORMARA	2137z	04	Oct	2023	0.7m	Threat
SINDH	0420z	05	Oct	2023	0.7m	Threat

SEYCHELLES

FREGATE ISLAND	1025z	04	Oct	2023	1.3m	Threat
TAKAMAKA	1142z	04	Oct	2023	1.0m	Threat

SOMALIA

BANDER-BEYLA	1111z	04	Oct	2023	2.2m	Threat
TOOXIN	1118z	04	Oct	2023	2.0m	Threat
EYL	1119z	04	Oct	2023	1.8m	Threat
GALDOGOB	1121z	04	Oct	2023	2.0m	Threat
JARIIBAN	1122z	04	Oct	2023	1.6m	Threat
MAREEG	1131z	04	Oct	2023	1.9m	Threat
ITALA	1132z	04	Oct	2023	1.3m	Threat
CEEL DHEER	1132z	04	Oct	2023	2.1m	Threat
XARARDHEERE	1133z	04	Oct	2023	2.5m	Threat
UARSCIECH	1135z	04	Oct	2023	1.4m	Threat
MUQDISHO	1141z	04	Oct	2023	1.4m	Threat
ABO	1151z	04	Oct	2023	1.2m	Threat
BARAAWE	1156z	04	Oct	2023	1.0m	Threat
JILIB	1200z	04	Oct	2023	1.1m	Threat
NE BEERNAASI	1208z	04	Oct	2023	1.5m	Threat
KAAMBOONI	1215z	04	Oct	2023	1.0m	Threat
QANDALA	2357z	04	Oct	2023	0.5m	Threat

SOUTH AFRICA

MOSSEL	2205z	04	Oct	2023	0.7m	Threat
PORT ELIZABETH	2302z	04	Oct	2023	0.6m	Threat
GEORGE	0021z	05	Oct	2023	0.6m	Threat
HANKEY	0214z	05	Oct	2023	0.5m	Threat
KAYSERS BEACH	0324z	05	Oct	2023	0.6m	Threat
ALEXANDRIA	0406z	05	Oct	2023	0.5m	Threat
PORT DURNFORD	0410z	05	Oct	2023	0.6m	Threat
MANDI	0444z	05	Oct	2023	0.5m	Threat

SRI LANKA

AKKARAIPATTU	0547z	04	Oct	2023	3.5m	Threat
OKANDA	0548z	04	Oct	2023	1.8m	Threat
BATTICALOA	0548z	04	Oct	2023	5.3m	Threat
KIRINDA	0551z	04	Oct	2023	6.0m	Threat
POTTUVIL	0551z	04	Oct	2023	4.2m	Threat
ANAITIVU	0551z	04	Oct	2023	3.1m	Threat
PANKULAM	0555z	04	Oct	2023	4.3m	Threat
KATTANKUDI	0556z	04	Oct	2023	6.0m	Threat
MULLAITTIVU	0603z	04	Oct	2023	4.6m	Threat
MATARA	0603z	04	Oct	2023	2.7m	Threat
TANGALLE	0605z	04	Oct	2023	2.2m	Threat
HAMBANTOTA	0608z	04	Oct	2023	5.2m	Threat
GALLE	0613z	04	Oct	2023	3.1m	Threat
AMBALANGODA	0616z	04	Oct	2023	1.9m	Threat
CHUNDIKKULAM	0619z	04	Oct	2023	3.6m	Threat

IOC Technical Series, 181 (I) Supplement 1
page 246

BERUWALA	0621z	04	Oct	2023	1.6m	Threat
MORATUWA	0627z	04	Oct	2023	1.8m	Threat
CHAVAKACHCHERI	0630z	04	Oct	2023	3.6m	Threat
COLOMBO	0634z	04	Oct	2023	3.0m	Threat
POINT PEDRO	0635z	04	Oct	2023	3.2m	Threat
NEGOMBO	0636z	04	Oct	2023	1.4m	Threat
MUNDAL LAKE	0644z	04	Oct	2023	1.4m	Threat
MANNAR ISLAND	0652z	04	Oct	2023	1.6m	Threat
MUSALI	0708z	04	Oct	2023	1.3m	Threat

TANZANIA

MADANGWA	1259z	04	Oct	2023	0.9m	Threat
VUMBA	1303z	04	Oct	2023	1.0m	Threat
JIMBO	1314z	04	Oct	2023	0.9m	Threat
KUTANI	1320z	04	Oct	2023	0.8m	Threat
SONGO SONGO ISLAND	1321z	04	Oct	2023	1.0m	Threat
VUMBI	1323z	04	Oct	2023	0.6m	Threat
ZANZIBAR	1333z	04	Oct	2023	0.8m	Threat
MSASANI	1353z	04	Oct	2023	0.9m	Threat
RUVU	1419z	04	Oct	2023	1.1m	Threat
BAGAMOYO	1521z	04	Oct	2023	0.8m	Threat
WEST TO KONDE	1525z	04	Oct	2023	0.8m	Threat
BOMALANDNI	2057z	04	Oct	2023	0.6m	Threat

THAILAND

THAI MUEANG	0528z	04	Oct	2023	3.4m	Threat
KO RACHA NOI	0535z	04	Oct	2023	3.0m	Threat
KOH SURIN TAI	0539z	04	Oct	2023	2.7m	Threat
THAI MUEANG TAKUA PA	0609z	04	Oct	2023	2.9m	Threat
KOH LANTA YAI	0612z	04	Oct	2023	2.4m	Threat
KOH ROK	0617z	04	Oct	2023	1.9m	Threat
MUEANG SATUN	0623z	04	Oct	2023	1.6m	Threat
KOH TARUTAO	0711z	04	Oct	2023	2.3m	Threat

UNITED ARAB EMIRATES

KALBA	0326z	05	Oct	2023	0.7m	Threat
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UNITED KINGDOM

MORESBY ISLAND	0736z	04	Oct	2023	4.2m	Threat
DIEGO GARCIA	0743z	04	Oct	2023	1.5m	Threat
NW EGMONT ISLAND	0810z	04	Oct	2023	0.7m	Threat

YEMEN

DAMQAWT	1126z	04	Oct	2023	1.0m	Threat
AL GHAYDAH AIRPORT	1139z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND SOUTH	1147z	04	Oct	2023	1.8m	Threat
SOCOTRA ISLAND NORTH	1247z	04	Oct	2023	1.0m	Threat
MASILAH WADI	1325z	04	Oct	2023	0.7m	Threat
HUSWAYN	1330z	04	Oct	2023	1.8m	Threat
HAMI	1333z	04	Oct	2023	0.8m	Threat
AL MUKALLA	1359z	04	Oct	2023	1.1m	Threat
KHANFAR	1447z	04	Oct	2023	0.9m	Threat
ALQUMRAH	1508z	04	Oct	2023	1.0m	Threat
HARRAH	1917z	04	Oct	2023	0.7m	Threat
EAST TO HAMI	2116z	04	Oct	2023	0.7m	Threat
MAALLAH	2301z	04	Oct	2023	1.0m	Threat
SOCOTRA ISLAND WEST	2349z	04	Oct	2023	0.7m	Threat

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.

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 IOTWMS-TSP INDIA for this event as more information becomes available.

OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDONESIA: <http://inatews.bmkg.gov.id>

6. CONTACT INFORMATION

IOTWMS-TSP INDIA:

INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)

Indian National Centre for Ocean Information Services (INCOIS)

Address:"ocean valley", Pragathi Nagar (Bo), Nizampet (So),

Hyderabad - 500 090, India

Phone: 91-40-23895011

Fax: 91-40-23895012

Email: tsunami@incois.gov.in

Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT
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BULLETIN 15

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#####  
#  
# IOTWMS IOWAVE EXERCISE- NOT A REAL TSUNAMI EVENT  
#  
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TSUNAMI BULLETIN NUMBER 15 (TYPE-IV FINAL BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)
ISSUED AT 1600 UTC WEDNESDAY 04 OCTOBER 2023

... FINAL TSUNAMI BULLETIN ...

This bulletin applies to areas within and bordering the Indian Ocean.

It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDIA has detected an earthquake with the following preliminary information:

Magnitude: 9.0 Mwp (UPDATED)
Depth: 10 km
Date: 04 OCT 2023
Origin Time: 0400
Latitude: 7.20N
Longitude: 92.90E
Location: NICOBAR, INDIA

2. EVALUATION

Data from sea-level gauges confirmed that a minor tsunami was generated. The expected period of significant tsunami waves is now over for all threatened. Because local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities. Please be aware that dangerous currents can continue for several hours after the main tsunami waves have passed.

3. TSUNAMI WAVE OBSERVATIONS

Listed below are maximum wave amplitudes recorded at the specified locations. Note that wave amplitude is measured relative to normal sea level: it is NOT the crest-to-trough wave height.

LOCATION	LAT	LON	TIME	DATE	AMPL
-----	-----	-----	-----	-----	-----
Campbell Bay (INDIA)	7.00N	93.93E	0428z	04 Oct 2023	6.0m
Sabang (INDONESIA)	5.83N	95.33E	0429z	04 Oct 2023	3.6m
Portblair (INDIA)	11.6N	92.77E	0439z	04 Oct 2023	3.6m
DART 23227 (INDIA)	6.25N	88.88E	0441z	04 Oct 2023	2.6m
Nancowry (INDIA)	8.05N	93.55E	0508z	04 Oct 2023	8.4m
Meulaboh (INDONESIA)	4.13N	96.13E	0514z	04 Oct 2023	9.1m
Trincommalee (SRILANKA)	8.56N	81.20E	0557z	04 Oct 2023	4.8m
Enggano (INDONESIA)	5.35S	102.28E	0612z	04 Oct 2023	0.9m
Chennai (INDIA)	13.1N	80.30E	0620z	04 Oct 2023	6.0m
Visakhapatnam (INDIA)	17.6N	83.28E	0629z	04 Oct 2023	3.9m
Colombo (SRILANKA)	6.95N	79.85E	0632z	04 Oct 2023	3.9m
Hanimaadhoo (MALDIVE ISLANDS)	6.77N	73.17E	0718z	04 Oct 2023	4.6m
Minicoy (INDIA)	8.28N	73.05E	0724z	04 Oct 2023	2.0m
Diego Garcia (UK)	7.29S	72.39E	0739z	04 Oct 2023	3.1m
Sadeng (INDONESIA)	8.19S	110.80E	0747z	04 Oct 2023	0.8m
Cuddalore (INDIA)	11.7N	79.75E	0801z	04 Oct 2023	4.3m
Cochin (INDIA)	9.97N	76.27E	0817z	04 Oct 2023	2.4m
Benoa (INDONESIA)	8.75S	115.22E	0831z	04 Oct 2023	0.4m
Point Murat (AUSTRALIA)	21.8S	114.19E	0924z	04 Oct 2023	1.0m
Marmagao (INDIA)	15.4N	73.80E	0948z	04 Oct 2023	1.5m
Rodrigue (MAURITIUS)	19.6S	63.42E	0950z	04 Oct 2023	3.2m
Agalega (MAURITIUS)	10.3S	56.59E	1019z	04 Oct 2023	1.3m

Chittagong (BANGLADESH)	22.2N	91.82E	1044z	04	Oct	2023	2.8m
Salalah (OMAN)	16.9N	54.01E	1052z	04	Oct	2023	1.7m
Veeraval (INDIA)	20.9N	70.37E	1104z	04	Oct	2023	0.4m
Muscat (OMAN)	23.6N	58.57E	1105z	04	Oct	2023	0.8m
Jask (IRAN)	25.6N	57.77E	1130z	04	Oct	2023	0.4m
Dzaoudzi (FRANCE)	12.7S	45.26E	1210z	04	Oct	2023	0.3m
Comoros (COMORES)	11.7S	43.25E	1225z	04	Oct	2023	0.2m
Mombasa (KENYA)	4.07S	39.65E	1240z	04	Oct	2023	2.9m
Karachi (PAKISTAN)	24.8N	66.97E	1320z	04	Oct	2023	0.5m
Waikelo (INDONESIA)	9.39S	119.22E	1349z	04	Oct	2023	0.2m
Masirah (OMAN)	20.6N	58.87	1354z	04	Oct	2023	0.8m
Pemba (MOCAMBIQUE)	12.9S	40.49E	1425z	04	Oct	2023	0.2m
Machilipatnam (INDIA)	16.1N	81.18E	1430z	04	Oct	2023	2.7m
Zanzibar (TANZANIA)	6.16S	39.19E	1444z	04	Oct	2023	0.7m
Darwin (AUSTRALIA)	12.4S	130.85E	1530z	04	Oct	2023	0.07m
Chabahar (IRAN)	25.3N	60.60E	1544z	04	Oct	2023	0.4m
Durbin (ZA)	29.8S	31.03E	1555z	04	Oct	2023	0.4m

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. UPDATE

No further bulletins will be issued by IOTWMS-TSP INDIA for this event unless additional information becomes available.

6. OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:
IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>
IOTWMS-TSP INDONESIA: <http://inatews.bmkg.gov.id>

7. CONTACT INFORMATION

IOTWMS-TSP INDIA:
INDIAN TSUNAMI EARLY WARNING CENTRE (ITEWC)
Indian National Centre for Ocean Information Services (INCOIS)
Address: "ocean valley", Pragathi Nagar (Bo), Nizampet (So),
Hyderabad - 500 090, India
Phone: 91-40-23895011
Fax: 91-40-23895012
Email: tsunami@incois.gov.in
Web: www.incois.gov.in

END OF BULLETIN

TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT

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5. TSP INDONESIA MAPS

M 8.5

Figure S1-14. Threat Map

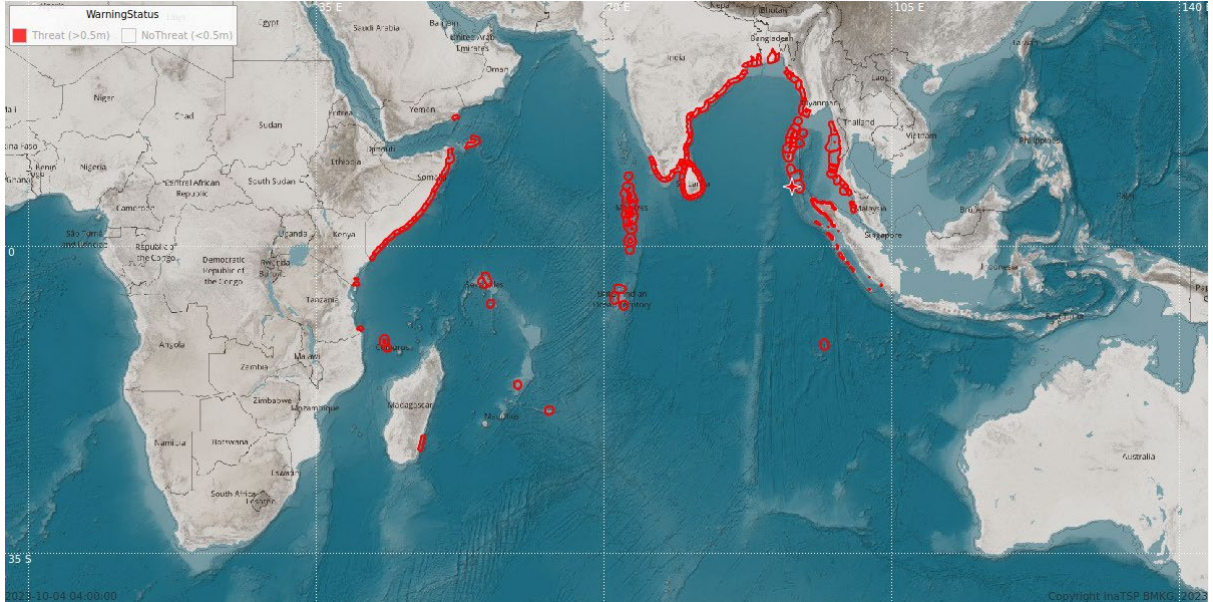


Figure S1-15. Travel Time Map

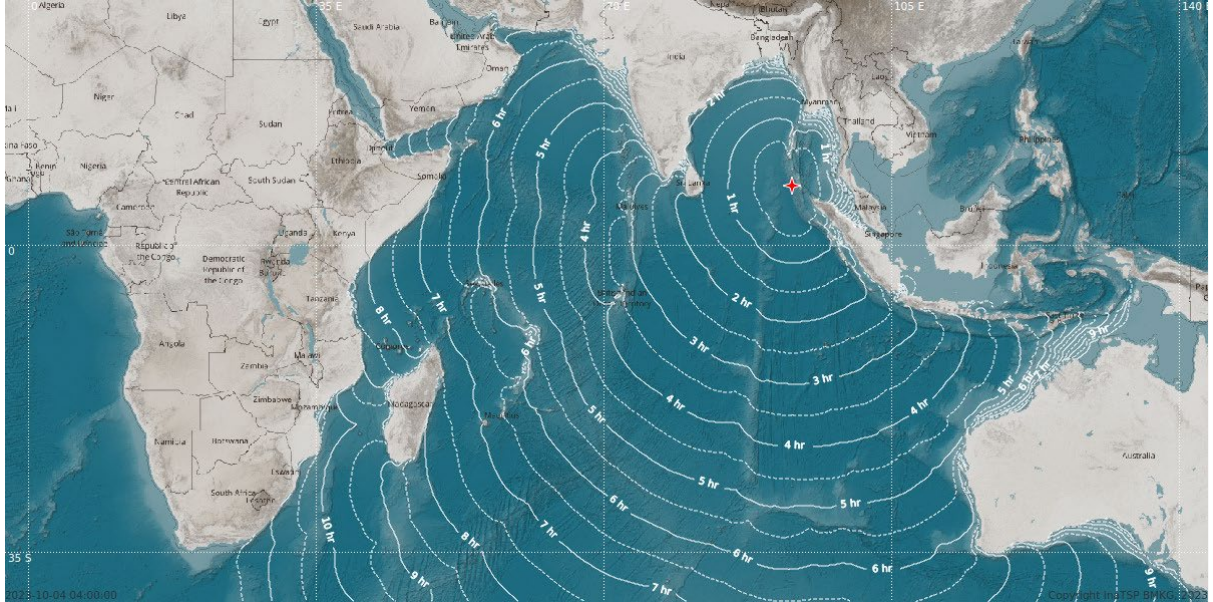
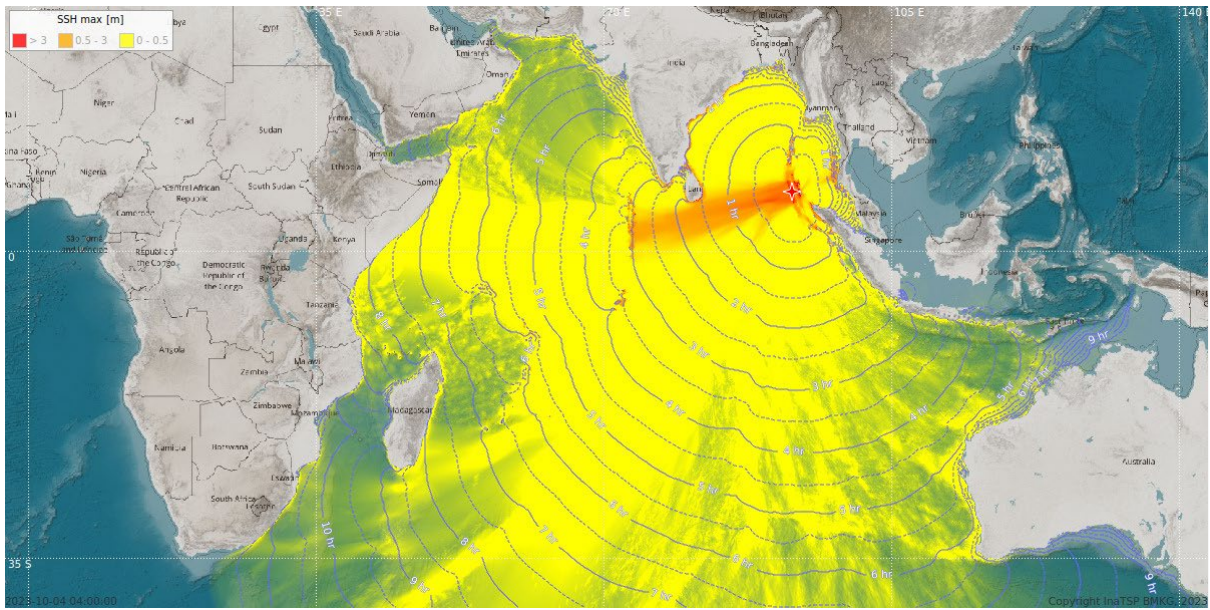


Figure S1-16. Wave Amplitude Map



M 8.9

Figure S1-17. Threat Map

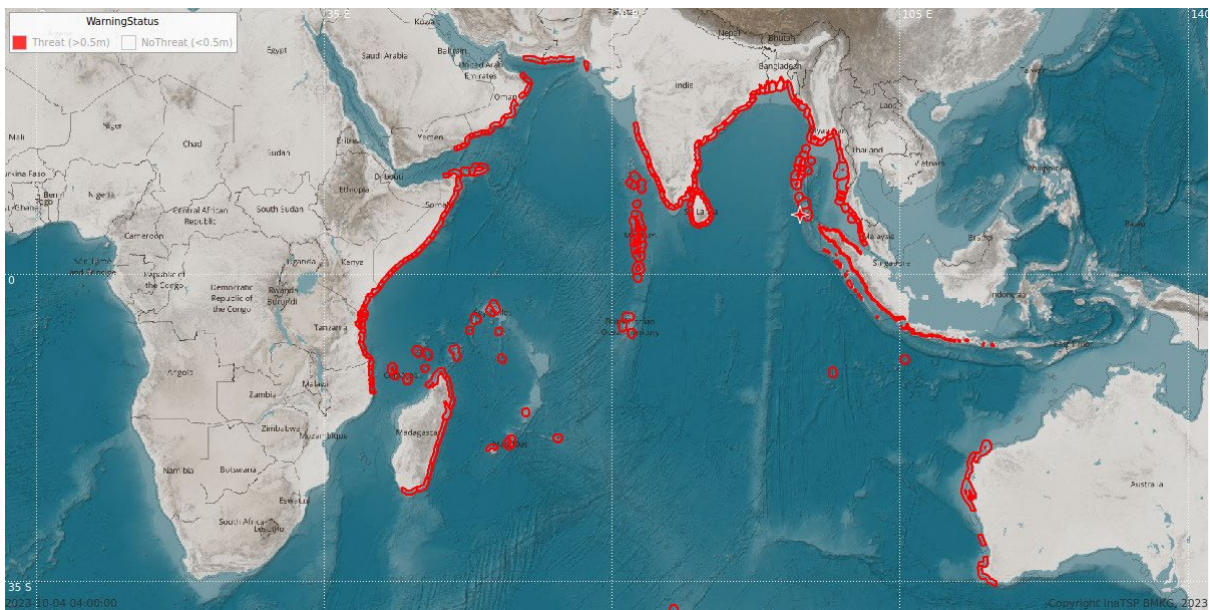


Figure S1-18. Travel Time Map

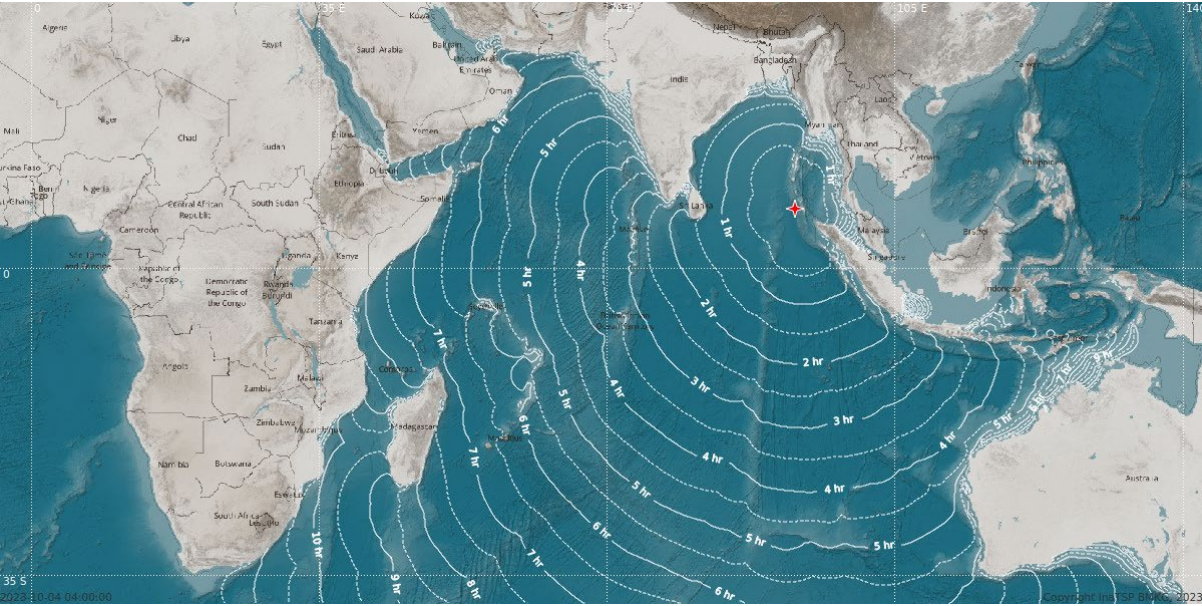
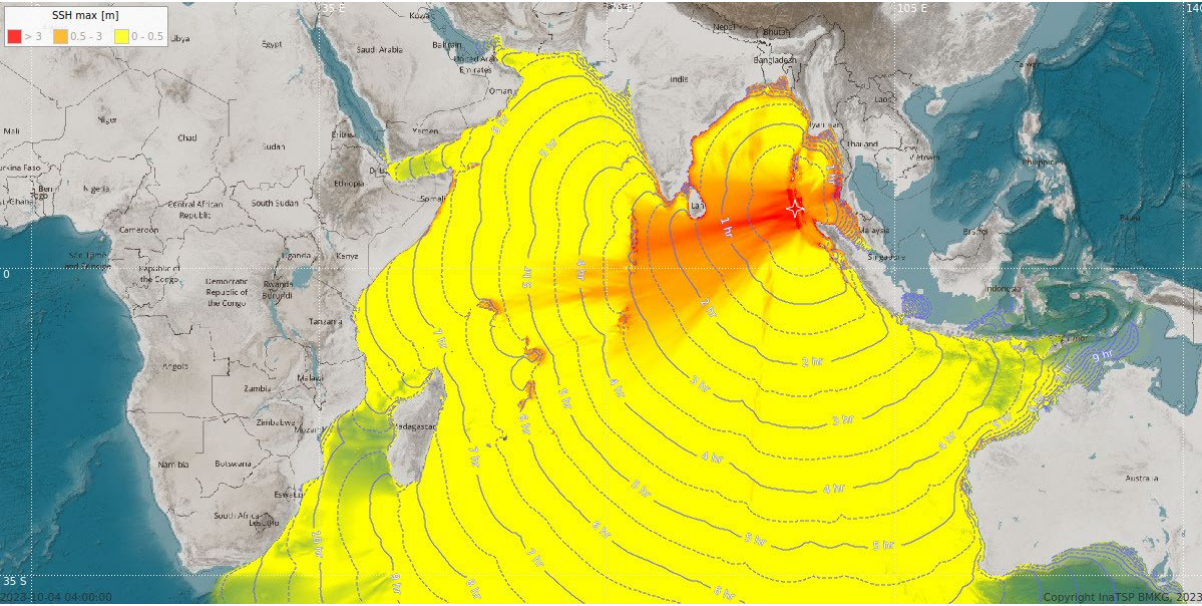


Figure S1-19. Wave Amplitude Map



M 9.0

Figure S1-20. Threat Map

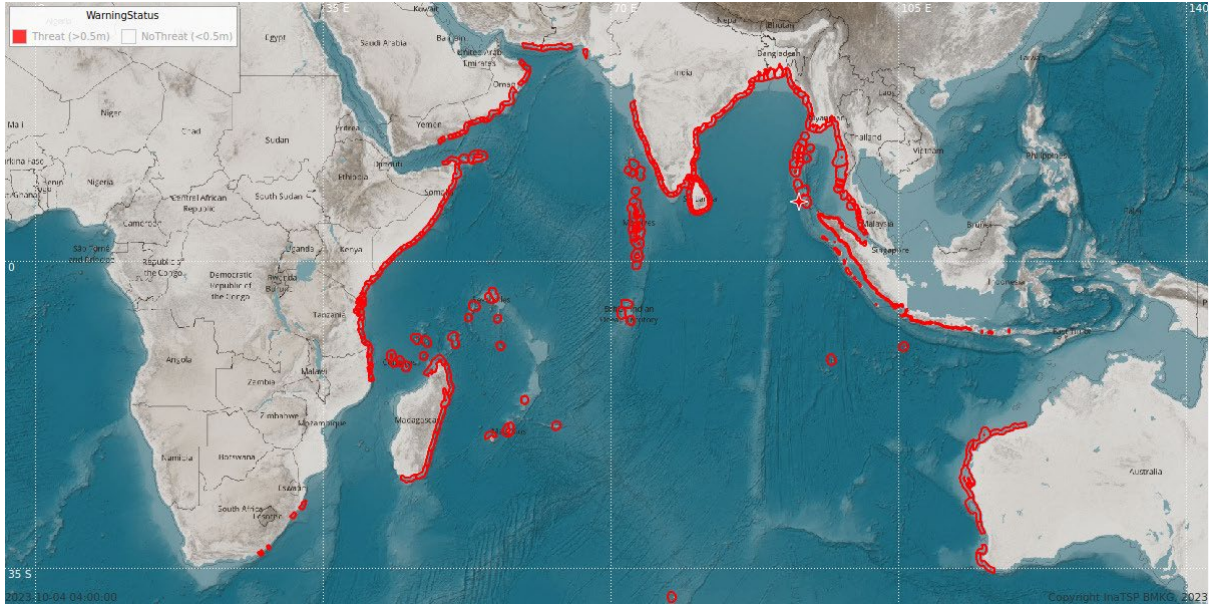


Figure S1-21. Travel Time Map

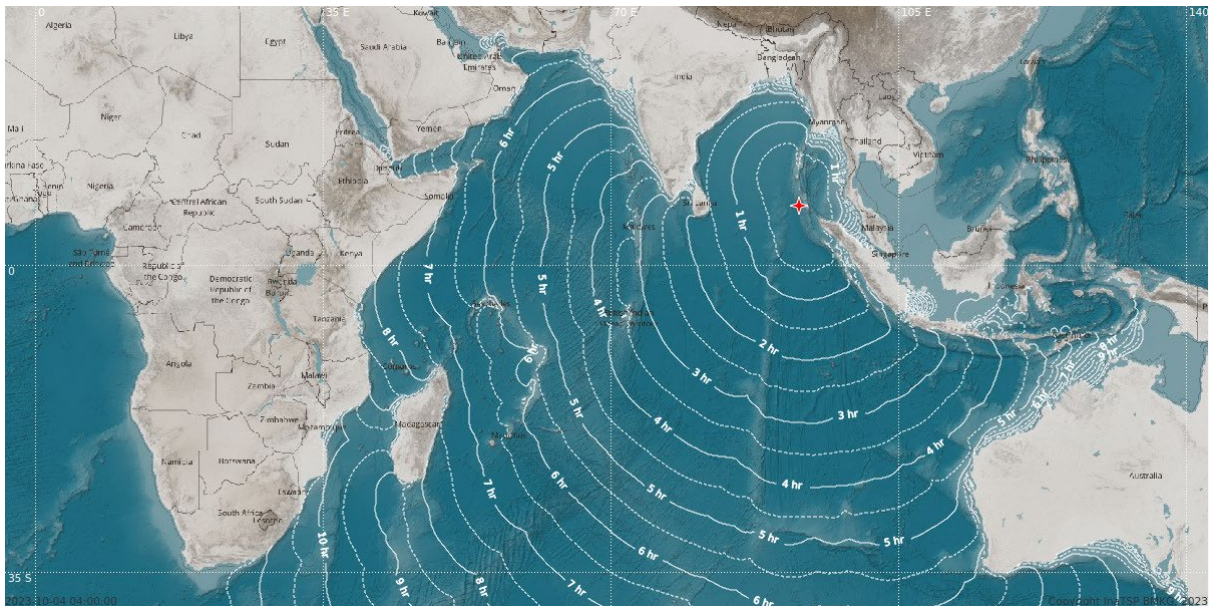
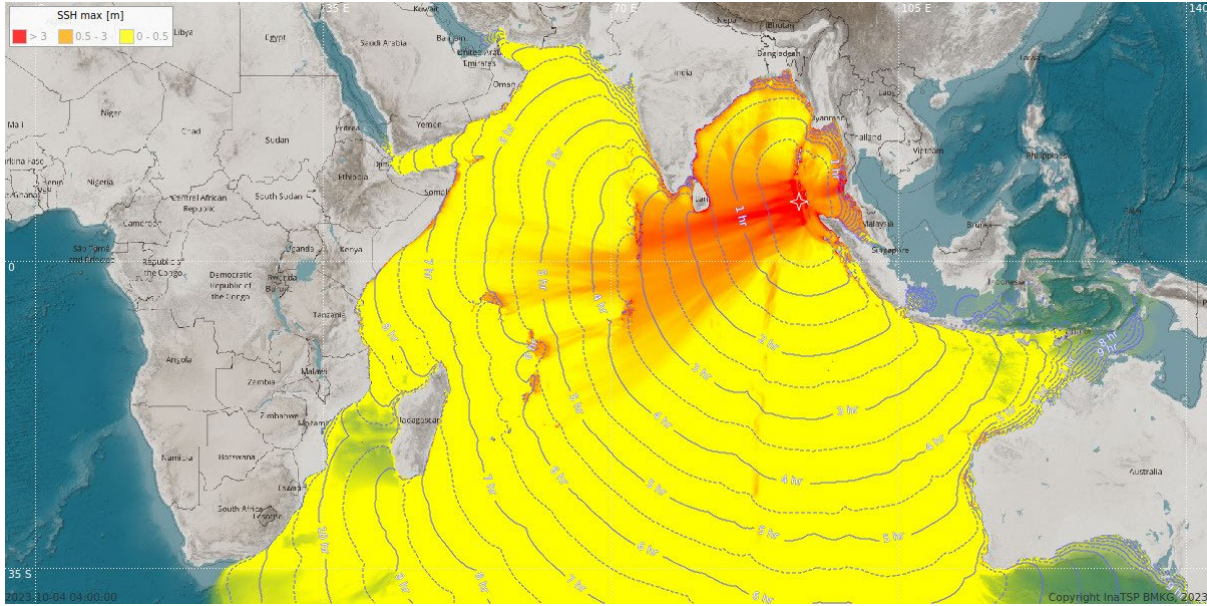


Figure S1-22. Maximum Wave Amplitude Map



6. TSP INDONESIA BULLETINS

BULLETIN 1

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TSP-InaTEWS-20231004-0408-001

TSUNAMI BULLETIN NUMBER 1 (TYPE-I EARTHQUAKE BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 0408 UTC, Oct 04, 2023

... EARTHQUAKE BULLETIN ...

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDONESIA has detected an earthquake with the following preliminary information:

Magnitude : 8.5 Mwp
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

2. EVALUATION

Based on historical data and tsunami modelling, this earthquake may be capable of generating a tsunami affecting the Indian Ocean region. IOTWMS-TSP INDONESIA will monitor sea level gauges near the earthquake to determine if a tsunami was generated and will issue further bulletins for this event.

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. OTHER INDIAN OCEAN TSUNAMI SERVICE PROVIDERS:

Other IOTWMS-TSPs may issue additional information at:
IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>
IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

5. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:
THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (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://rtsp.bmkg.go.id/publicbull.php>
E-Mail: inartsp@bmkg.go.id
monitrtwp@bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST

BULLETIN 2

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST
TSP-InaTEWS-20231004-0413-002

TSUNAMI BULLETIN NUMBER 2 (TYPE-II THREAT ASSESSMENT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 0413 UTC, Oct 04, 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION (updated)

IOTWMS-TSP INDONESIA has detected an earthquake with the following details:

Magnitude : 8.9 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

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 TSP 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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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 0709z 04Oct2023 0.9m
CHRISTMAS ISLAND 1017z 04Oct2023 0.7m
GASCOYNE COAST 1055z 04Oct2023 0.8m
LEEUVIN COAST 1308z 04Oct2023 0.6m

IOC Technical Series, 181 (I) Supplement 1
page 258

NINGALOO COAST	1337z	04Oct2023	0.6m
BUNBURY GEOGRAPHE COAST	1411z	04Oct2023	0.5m
LANCELIN COAST	1417z	04Oct2023	0.6m
PILBARA COAST WEST	1421z	04Oct2023	0.6m
HEARD ISLAND AND MCDONALD ISLANDS	1445z	04Oct2023	1.2m
AURORA BANK	1557z	04Oct2023	0.7m

BANGLADESH

COXS BAZAR	0705z	04Oct2023	1.1m
KUTUBDIA ISLAND	0713z	04Oct2023	1.1m
BARGUNA	0742z	04Oct2023	1.6m
CHALNA	0859z	04Oct2023	1.2m

COMOROS

CHEZANI	1225z	04Oct2023	0.9m
FOMBONI	1252z	04Oct2023	1.0m
DZAOUDZI	1333z	04Oct2023	0.7m

FRANCE

SAINT-DENIS	1130z	04Oct2023	0.5m
ILE SAINT-PAUL-NORTH	1145z	04Oct2023	0.7m
ILE SAINT-PAUL-SOUTH	1207z	04Oct2023	0.8m
NES CROZET	1333z	04Oct2023	0.8m
CROZET PLATEAU	1353z	04Oct2023	1.0m
ILE KERGUELEN	1402z	04Oct2023	0.5m
ILE DE LA POSSESSION	1409z	04Oct2023	0.9m

INDIA

CAR NICOBAR	0403z	04Oct2023	11.1m
KOMATRA AND KATCHAL ISLAND	0405z	04Oct2023	12.3m
INDIRA POINT	0408z	04Oct2023	10.4m
LITTLE ANDAMAN	0418z	04Oct2023	5.2m
NORTH SENTINEL ISLAND	0431z	04Oct2023	3.6m
PORT BLAIR	0440z	04Oct2023	3.2m
HAVELOCK	0456z	04Oct2023	3.4m
BARREN ISLAND	0458z	04Oct2023	1.4m
WEST AND LANDFALL ISLAND	0500z	04Oct2023	2.1m
FLAT ISLAND	0502z	04Oct2023	2.7m
RANGATH BAY	0505z	04Oct2023	3.0m
DIGLIPUR	0517z	04Oct2023	2.1m
NARCONDAM ISLAND	0545z	04Oct2023	1.8m
MARAKKANAM	0606z	04Oct2023	2.6m
CUDDALORE	0608z	04Oct2023	2.6m
PUDUCHERRY	0609z	04Oct2023	2.8m
ENNORE	0611z	04Oct2023	3.2m
SRIHARIKOTA	0613z	04Oct2023	2.4m
KAKINADA	0613z	04Oct2023	2.8m
MAHABALIPURAM	0613z	04Oct2023	3.9m
POOMBUHAR	0613z	04Oct2023	3.2m
MACHILIPATNAM	0614z	04Oct2023	2.2m
NAGAPATTINAM	0614z	04Oct2023	3.3m
CHENNAI	0616z	04Oct2023	3.0m
PERUPALEM	0617z	04Oct2023	2.5m
NIJAMPATTANAM	0617z	04Oct2023	3.3m
KARAIKAL	0618z	04Oct2023	3.0m
MALLIPATTINAM	0619z	04Oct2023	2.9m
MUTHUPET	0619z	04Oct2023	3.0m
KOTTAPATNAM	0619z	04Oct2023	3.1m
PURI	0621z	04Oct2023	2.2m
PARADIP	0623z	04Oct2023	1.9m

KALINGAPATNAM	0623z	04Oct2023	2.9m
KONADA	0624z	04Oct2023	2.3m
VISAKHAPATNAM	0625z	04Oct2023	3.0m
GOPALPUR	0631z	04Oct2023	2.4m
JAMBOO	0637z	04Oct2023	1.3m
TUTICORIN	0646z	04Oct2023	1.9m
RAMESWARAM	0655z	04Oct2023	1.5m
KOTTAIPPATTANAM	0655z	04Oct2023	2.1m
DHAMRA	0700z	04Oct2023	1.4m
KOODANKULAM	0706z	04Oct2023	2.4m
HEMNAGAR	0708z	04Oct2023	1.3m
NAMKHANA	0715z	04Oct2023	1.5m
KANYAKUMARI	0717z	04Oct2023	3.2m
CHANDIPUR	0718z	04Oct2023	1.1m
DIGHA	0719z	04Oct2023	1.4m
TRIVANDRUM	0721z	04Oct2023	2.4m
QUILON	0721z	04Oct2023	2.0m
ALLEPPEY ALAPPUZHA	0729z	04Oct2023	1.6m
MINICOY	0729z	04Oct2023	1.2m
ANDROTH	0740z	04Oct2023	0.9m
KAVARATTI	0752z	04Oct2023	0.8m
AMINI	0759z	04Oct2023	0.9m
VADANAPPALLY	0802z	04Oct2023	1.0m
AGATTI	0803z	04Oct2023	1.0m
COCHIN	0806z	04Oct2023	1.5m
VAKKAD	0810z	04Oct2023	1.1m
BEYPORE	0822z	04Oct2023	1.0m
KANNUR	0833z	04Oct2023	0.9m
MAHE	0834z	04Oct2023	0.7m
KASARAGOD	0837z	04Oct2023	1.0m
UDUPI	1032z	04Oct2023	0.7m
KARWAR	1032z	04Oct2023	0.8m
VASCO	1046z	04Oct2023	0.5m
PANAJI	1048z	04Oct2023	0.6m
MANGALORE	1109z	04Oct2023	0.8m
JAIGARH	1121z	04Oct2023	0.5m
MALVAN BAY	1232z	04Oct2023	0.5m

INDONESIA

NAD ACEH-BESAR PULAU BREUEH	0422z	04Oct2023	10.7m
NAD KOTA-SABANG PULAU RONDO	0423z	04Oct2023	2.6m
NAD KOTA-SABANG PULAU WEH	0426z	04Oct2023	5.7m
NAD ACEH-BESAR PULAU PENAS	0433z	04Oct2023	13.1m
NAD ACEH-BESAR BAGIAN BARAT	0436z	04Oct2023	11.9m
NAD ACEH-BESAR BAGIAN UTARA	0437z	04Oct2023	4.5m
NAD ACEH-JAYA	0437z	04Oct2023	6.4m
NAD KOTA-BANDA-ACEH	0443z	04Oct2023	13.1m
NAD SIMEULUE PULAU SIMEULUE	0444z	04Oct2023	3.1m
NAD PIDIE	0445z	04Oct2023	7.7m
NAD BIREUEN	0501z	04Oct2023	3.4m
SUMUT NIAS BAGIAN BARAT	0501z	04Oct2023	1.7m
NAD ACEH-UTARA BAGIAN BARAT	0507z	04Oct2023	4.1m
SUMUT NIAS BAGIAN TIMUR	0509z	04Oct2023	1.9m
NAD ACEH-BARAT	0509z	04Oct2023	5.4m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	0510z	04Oct2023	2.7m
SUMUT NIAS-SELATAN PULAU NIAS	0510z	04Oct2023	2.3m
NAD NAGAN-RAYA	0510z	04Oct2023	5.5m
NAD KOTA-LHOKSEUMAWA	0512z	04Oct2023	3.8m
NAD ACEH-SELATAN BAGIAN UTARA	0519z	04Oct2023	3.2m
SUMUT NIAS-SELATAN PULAU TANABALA	0528z	04Oct2023	1.4m
NAD ACEH-BARAT-DAYA	0529z	04Oct2023	5.0m
NAD ACEH-UTARA BAGIAN TIMUR	0531z	04Oct2023	4.7m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0549z	04Oct2023	1.2m
NAD ACEH-TIMUR	0554z	04Oct2023	3.3m
NAD ACEH-SELATAN BAGIAN SELATAN	0556z	04Oct2023	3.2m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0629z	04Oct2023	0.7m

NAD ACEH-SINGKIL	0635z	04Oct2023	2.7m
NAD KOTA-LANGSA	0718z	04Oct2023	3.6m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	0727z	04Oct2023	0.9m
SUMUT MANDAILING-NATAL BAGIAN UTARA	0729z	04Oct2023	1.2m
NAD ACEH-TAMIAN	0735z	04Oct2023	3.5m
SUMUT LANGKAT	0819z	04Oct2023	1.9m
SUMUT NIAS-SELATAN PULAU PINI	0822z	04Oct2023	1.0m
SUMUT KOTA-MEDAN	0843z	04Oct2023	2.6m
SUMUT DELISERDANG	0905z	04Oct2023	0.8m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0907z	04Oct2023	1.2m
LAMPUNG TANGGAMUS BAGIAN BARAT	0910z	04Oct2023	1.0m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0913z	04Oct2023	1.3m
SUMUT TAPANULI-TENGAH BAGIAN UTARA	0915z	04Oct2023	1.0m
LAMPUNG TANGGAMUS PULAU TABUAN	0918z	04Oct2023	0.5m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0921z	04Oct2023	0.5m
SUMUT SERDANG-BEDAGAI	0938z	04Oct2023	1.1m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0941z	04Oct2023	1.0m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0949z	04Oct2023	1.0m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0950z	04Oct2023	0.9m
BENGKULU SELUMA	0950z	04Oct2023	1.0m
SUMUT TAPANULI-TENGAH BAGIAN SELATAN	0952z	04Oct2023	1.1m
SUMUT TAPANULI-TENGAH KEP. MURSALA	0953z	04Oct2023	1.0m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0956z	04Oct2023	1.1m
SUMUT KOTA-SIBOLGA	1010z	04Oct2023	1.4m
SUMUT ASAHAN	1013z	04Oct2023	1.1m
SUMBAR KOTA-PADANG BAGIAN SELATAN	1015z	04Oct2023	0.8m
SUMUT TAPANULI-SELATAN	1021z	04Oct2023	1.5m
SUMBAR KOTA-PADANG BAGIAN UTARA	1024z	04Oct2023	1.2m
BENGKULU MUKOMUKO	1035z	04Oct2023	1.0m
BENGKULU KAUR	1038z	04Oct2023	0.9m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	1042z	04Oct2023	1.0m
JABAR SUKABUMI PELABUHAN-RATU	1043z	04Oct2023	0.9m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1048z	04Oct2023	0.5m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	1050z	04Oct2023	1.3m
JABAR SUKABUMI UJUNG-GENTENG	1054z	04Oct2023	0.8m
SUMBAR PASAMAN-BARAT	1121z	04Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN SELATAN	1124z	04Oct2023	0.6m
SUMUT MANDAILING-NATAL BAGIAN SELATAN	1134z	04Oct2023	1.1m
SUMBAR PESISIR-SELATAN BAGIAN UTARA	1140z	04Oct2023	0.5m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	1156z	04Oct2023	0.5m
JATIM PACITAN	1157z	04Oct2023	0.6m
BANTEN PANDEGLANG BAGIAN UTARA	1210z	04Oct2023	0.5m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1210z	04Oct2023	0.8m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	1211z	04Oct2023	0.6m
JATENG CILACAP	1214z	04Oct2023	0.6m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1223z	04Oct2023	0.7m
SUMBAR KOTA-PARIAMAN	1227z	04Oct2023	0.7m
JATENG PURWOREJO	1233z	04Oct2023	0.6m
SUMBAR AGAM	1234z	04Oct2023	0.7m
BANTEN PANDEGLANG PULAU PANAITAN	1242z	04Oct2023	0.5m
BANTEN LEBAK	1256z	04Oct2023	0.8m
JABAR GARUT	1308z	04Oct2023	0.5m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	1313z	04Oct2023	0.5m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	1315z	04Oct2023	0.6m
BENGKULU BENGKULU-SELATAN	1336z	04Oct2023	0.8m
SUMUT LABUHANBATU	1336z	04Oct2023	0.7m
DIY GUNUNG-KIDUL	1349z	04Oct2023	0.5m
DIY BANTUL	1349z	04Oct2023	0.6m
JATENG KEBUMEN	1356z	04Oct2023	0.6m
JATIM TRENGGALEK	1359z	04Oct2023	0.5m
JABAR TASIKMALAYA	1413z	04Oct2023	0.7m
JABAR CIAMIS	1415z	04Oct2023	0.6m
NTB LOMBOK-TIMUR BAGIAN SELATAN	1433z	04Oct2023	0.5m
JABAR CIANJUR SINDANGBARANG	1445z	04Oct2023	0.7m
JATIM LUMAJANG	1448z	04Oct2023	0.5m
JATIM BLITAR	1510z	04Oct2023	0.5m
BALI BADUNG PANTAI-KUTA	1516z	04Oct2023	0.5m
NTB LOMBOK-TENGAH	1529z	04Oct2023	0.6m

JATENG WONOGIRI	1533z	04Oct2023	0.7m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	1555z	04Oct2023	0.5m

IRAN

PUSHT	1206z	04Oct2023	0.5m
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KENYA

KIWAYU	1212z	04Oct2023	0.8m
KIPINI	1239z	04Oct2023	0.8m
MALINDI	1239z	04Oct2023	1.0m
TAKAUNGU	1241z	04Oct2023	1.2m
KISIMACHANDE	1243z	04Oct2023	1.1m
MVULENI	1305z	04Oct2023	1.0m

MADAGASCAR

VOHEMAR	1151z	04Oct2023	0.9m
ANOROTSANGANA	1210z	04Oct2023	0.7m
FARAFAGANA	1219z	04Oct2023	1.3m
AMBAHY	1222z	04Oct2023	0.6m
MANANTENINA	1230z	04Oct2023	0.5m
TAMPOLO	1256z	04Oct2023	0.6m
SAMPONA	1332z	04Oct2023	0.7m
GLORIOSO ISLANDS	1456z	04Oct2023	0.5m
TOAMASINA AIRPORT	1506z	04Oct2023	0.6m

MALAYSIA

SATUN	0728z	04Oct2023	2.1m
YAN	0729z	04Oct2023	1.2m
WEST OF ALOR SETAR	0739z	04Oct2023	1.2m
SEBERANG PERAI SELATAN	0800z	04Oct2023	1.8m
SEBERANG PERAI UTARA AND BARAT DAYA	0801z	04Oct2023	1.6m
KERIAN	0817z	04Oct2023	1.5m
LARUT AND MATANG	0825z	04Oct2023	1.4m
KUALA MUDA	0834z	04Oct2023	1.1m
MANJUNG	0838z	04Oct2023	1.4m
HILIR PERAK	1131z	04Oct2023	0.9m
SABAK BERNAM	1244z	04Oct2023	0.7m

MALDIVES

MALE	0706z	04Oct2023	6.3m
KULHUDUFFUSHI	0707z	04Oct2023	3.6m
KOLHUFUSHI	0707z	04Oct2023	6.0m
DHIYAMIGILI	0709z	04Oct2023	7.4m
THINADHOO	0710z	04Oct2023	3.6m
HITHADHOO	0714z	04Oct2023	4.2m
GOIDHOO	0720z	04Oct2023	2.2m
NILANDHOO	0726z	04Oct2023	4.2m
FERIDHOO	0727z	04Oct2023	2.7m

MAURITIUS

LA FERME	0953z	04Oct2023	1.7m
CARGADOS CARAJOS	1023z	04Oct2023	1.3m
AGALEGA ISLAND	1041z	04Oct2023	0.7m
GRANDE REVIERE SUD EST-EAST	1041z	04Oct2023	1.1m
GRANDE REVIERE SUD EST-WEST	1207z	04Oct2023	0.6m

MOZAMBIQUE

MAGANJA	1248z	04Oct2023	0.9m
QUITERAJO	1302z	04Oct2023	0.6m
MECUFI	1310z	04Oct2023	0.8m
NANGATA	1311z	04Oct2023	0.6m
PEMBA	1313z	04Oct2023	0.6m
MINHAUINE	1317z	04Oct2023	0.9m
LURIO	1437z	04Oct2023	0.5m
MERONVI	1442z	04Oct2023	0.7m
MURREBUE	1516z	04Oct2023	0.5m

MYANMAR

LITTLE COCO ISLAND	0532z	04Oct2023	1.7m
PREPARIS ISLAND	0533z	04Oct2023	1.8m
GREAT WESTERN TORRES ISLAND	0538z	04Oct2023	1.7m
THAN KYUN	0539z	04Oct2023	4.1m
LORD LOUGHBOROUGH ISLAND	0540z	04Oct2023	3.0m
KYWEGYAUNG	0559z	04Oct2023	1.3m
CHEDUBA ISLAND	0607z	04Oct2023	1.4m
THAWINCHAUNG	0631z	04Oct2023	1.3m
KYAUKPYU	0633z	04Oct2023	1.3m
SITTWE	0634z	04Oct2023	1.5m
MALI KYUN	0655z	04Oct2023	1.6m
MAGYIGYAING	0703z	04Oct2023	1.8m
PHARPON	0715z	04Oct2023	1.3m
YANGON-S	0739z	04Oct2023	0.9m
YE	0744z	04Oct2023	0.9m
MAWYEN	0814z	04Oct2023	1.1m

OMAN

HASIK	1059z	04Oct2023	0.7m
AD DUQM	1102z	04Oct2023	0.6m
TAQAH	1111z	04Oct2023	0.9m
SALALAH	1119z	04Oct2023	0.8m
MIRBAT	1153z	04Oct2023	0.9m
AL ASHKHARAH	1153z	04Oct2023	0.7m
AL JAZER	1202z	04Oct2023	0.5m
QURAYYAT	1336z	04Oct2023	0.5m
RAS AR RUWAYS	1353z	04Oct2023	0.5m
SUR	1448z	04Oct2023	0.6m

PAKISTAN

ORMARA	1142z	04Oct2023	0.5m
KARACHI	1443z	04Oct2023	0.5m

SEYCHELLES

FREGATE ISLAND	1012z	04Oct2023	1.7m
COETIVY ISLAND	1020z	04Oct2023	1.4m
ILE DESROCHES	1046z	04Oct2023	0.8m
TAKAMAKA	1110z	04Oct2023	1.8m
FARQUHAR GROUP	1126z	04Oct2023	0.8m
ALDABRA	1152z	04Oct2023	0.6m
ALPHONSE ISLAND	1229z	04Oct2023	0.5m
ASTOVE ISLAND	1441z	04Oct2023	0.5m

SOMALIA

BANDER-BEYLA	1106z	04Oct2023	1.7m
EYL	1111z	04Oct2023	2.7m
TOOXIN	1112z	04Oct2023	1.7m
GALDOGOB	1115z	04Oct2023	2.2m
JARIIBAN	1117z	04Oct2023	2.2m
XARARDHEERE	1124z	04Oct2023	2.5m
CEEL DHEER	1124z	04Oct2023	2.0m
ITALA	1126z	04Oct2023	1.5m
MAREEG	1126z	04Oct2023	1.2m
UARSIECH	1132z	04Oct2023	1.4m
ABO	1132z	04Oct2023	1.0m
MUQDISHO	1137z	04Oct2023	1.4m
BEYNAX BARRE	1144z	04Oct2023	1.4m
BARAAWE	1149z	04Oct2023	1.3m
JILIB	1158z	04Oct2023	1.4m
TURDHO	1200z	04Oct2023	1.7m
NE BEERNAASI	1204z	04Oct2023	1.5m
KAAMBOONI	1211z	04Oct2023	1.3m
QANDALA	1347z	04Oct2023	0.5m

SRI LANKA

BATTICALOA	0538z	04Oct2023	7.3m
AKKARAIPATTU	0540z	04Oct2023	5.4m
KIRINDA	0543z	04Oct2023	7.9m
KATTANKUDI	0546z	04Oct2023	6.5m
ANATTIVU	0546z	04Oct2023	2.8m
PANKULAM	0546z	04Oct2023	4.5m
OKANDA	0548z	04Oct2023	8.6m
POTTUVIL	0549z	04Oct2023	7.3m
MULLAITTIVU	0551z	04Oct2023	4.7m
TANGALLE	0556z	04Oct2023	6.7m
MATARA	0558z	04Oct2023	7.3m
HAMBANTOTA	0600z	04Oct2023	6.9m
AMBALANGODA	0607z	04Oct2023	3.3m
CHUNDIKKULAM	0607z	04Oct2023	3.2m
GALLE	0607z	04Oct2023	5.3m
CHAVAKACHCHERI	0614z	04Oct2023	3.8m
POINT PEDRO	0615z	04Oct2023	3.3m
BERUWALA	0620z	04Oct2023	3.2m
COLOMBO	0620z	04Oct2023	2.5m
MORATUWA	0624z	04Oct2023	3.2m
NEGOMBO	0628z	04Oct2023	2.6m
MUNDAL LAKE	0633z	04Oct2023	2.6m
MANNAR ISLAND	0638z	04Oct2023	1.6m
MUSALI	0655z	04Oct2023	1.2m

TANZANIA

VUMBI	1238z	04Oct2023	0.6m
JIMBO	1244z	04Oct2023	0.7m
KUTANI	1248z	04Oct2023	0.8m
MADANGWA	1256z	04Oct2023	1.5m
VUMBA	1259z	04Oct2023	0.7m
ZANZIBAR	1303z	04Oct2023	0.7m
GAZIJA	1313z	04Oct2023	0.7m
RUVU	1407z	04Oct2023	0.7m
SONGO SONGO ISLAND	1426z	04Oct2023	0.7m
MSASANI	1434z	04Oct2023	0.5m
BOMALANDNI	1502z	04Oct2023	0.6m
WEST TO KONDE	1524z	04Oct2023	0.6m

THAILAND

THAI MUEANG	0533z	04Oct2023	6.6m
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KO RACHA NOI	0539z	04Oct2023	3.9m
KOH SURIN TAI	0551z	04Oct2023	5.1m
KOH LANTA YAI	0616z	04Oct2023	2.0m
THAI MUEANG_TAKUA PA	0620z	04Oct2023	6.2m
KOH ROK	0620z	04Oct2023	2.0m
MUEANG SATUN	0625z	04Oct2023	2.1m
KOH TARUTAO	0740z	04Oct2023	2.6m

UNITED KINGDOM

MORESBY ISLAND	0735z	04Oct2023	3.5m
DIEGO GARCIA	0740z	04Oct2023	2.3m
NW EGMONT ISLAND	0758z	04Oct2023	1.9m

YEMEN

AL GHAYDAH AIRPORT	1110z	04Oct2023	1.1m
SOCOTRA ISLAND SOUTH	1116z	04Oct2023	1.6m
DAMQAWT	1120z	04Oct2023	1.0m
HUSWAYN	1137z	04Oct2023	1.1m
SOCOTRA ISLAND NORTH	1217z	04Oct2023	0.9m
SOCOTRA ISLAND WEST	1240z	04Oct2023	0.6m
ALQUMRAH	1259z	04Oct2023	0.9m
MASILAH WADI	1322z	04Oct2023	0.6m

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 IOTWMS-TSP INDONESIA for this event as more information becomes available.

Other TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (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://rtsp.bmkg.go.id/publicbull.php>

<https://www.bmkg.go.id>

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E-Mail: inartsp@bmkg.go.id

monitrtwp@bmkg.go.id

END OF BULLETIN

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BULLETIN 3

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TSP-InaTEWS-20231004-0430-003

TSUNAMI BULLETIN NUMBER 3 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 0430 UTC, Oct 04, 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION (updated)

IOTWMS-TSP INDONESIA has detected an earthquake with the following details:

Magnitude : 9.0 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

2. EVALUATION

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

LOCATION	COUNTRIES	LAT	LON	TIME (UTC)	DATE	AMPL (m)
Campbell Bay	INDIA	7.00N	93.93E	0429z UTC	4 Oct 2023	6.0m

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

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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 0628z 04Oct2023 1.3m
CHRISTMAS ISLAND 0959z 04Oct2023 1.1m
GASCOYNE COAST 1006z 04Oct2023 1.1m
LEEUVIN COAST 1136z 04Oct2023 0.8m

IOC Technical Series, 181 (I) Supplement 1
page 266

PILBARA COAST WEST	1149z	04Oct2023	0.8m
NINGALOO COAST	1201z	04Oct2023	0.7m
GERALDTON COAST	1214z	04Oct2023	0.6m
PILBARA COAST EAST	1320z	04Oct2023	0.5m
BUNBURY GEOGRAPHE COAST	1412z	04Oct2023	0.6m
LANCELIN COAST	1414z	04Oct2023	0.7m
HEARD ISLAND AND MCDONALD ISLANDS	1421z	04Oct2023	1.6m
AURORA BANK	1502z	04Oct2023	0.9m

BANGLADESH

COXS BAZAR	0657z	04Oct2023	1.6m
KUTUBDIA ISLAND	0707z	04Oct2023	1.6m
BARGUNA	0736z	04Oct2023	1.8m
CHALNA	0802z	04Oct2023	1.4m

COMOROS

BAMBAO	1219z	04Oct2023	0.6m
CHEZANI	1224z	04Oct2023	0.8m
FOMBONI	1231z	04Oct2023	1.1m
DZAOUDZI	1333z	04Oct2023	0.7m

FRANCE

SAINT-DENIS	1130z	04Oct2023	0.6m
ILE SAINT-PAUL-NORTH	1132z	04Oct2023	1.0m
ILE SAINT-PAUL-SOUTH	1145z	04Oct2023	0.9m
ILE DE LA POSSESSION	1322z	04Oct2023	1.1m
NES CROZET	1329z	04Oct2023	0.9m
CROZET PLATEAU	1349z	04Oct2023	0.7m
ILE KERGUELEN	1358z	04Oct2023	0.6m

INDIA

CAR NICOBAR	0403z	04Oct2023	12.8m
KOMATRA AND KATCHAL ISLAND	0404z	04Oct2023	15.1m
INDIRA POINT	0408z	04Oct2023	12.7m
LITTLE ANDAMAN	0411z	04Oct2023	6.8m
NORTH SENTINEL ISLAND	0426z	04Oct2023	4.4m
PORT BLAIR	0433z	04Oct2023	3.7m
HAVELOCK	0449z	04Oct2023	4.0m
WEST AND LANDFALL ISLAND	0455z	04Oct2023	2.6m
BARREN ISLAND	0455z	04Oct2023	2.2m
FLAT ISLAND	0456z	04Oct2023	3.7m
RANGATH BAY	0500z	04Oct2023	3.8m
DIGLIPUR	0511z	04Oct2023	2.9m
NARCONDAM ISLAND	0543z	04Oct2023	1.7m
MARAKKANAM	0604z	04Oct2023	3.6m
CUDDALORE	0606z	04Oct2023	3.9m
PUDUCHERRY	0607z	04Oct2023	3.8m
ENNORE	0609z	04Oct2023	4.0m
KAKINADA	0610z	04Oct2023	3.7m
SRIHARIKOTA	0610z	04Oct2023	3.2m
MACHILIPATNAM	0611z	04Oct2023	3.1m
MAHABALIPURAM	0611z	04Oct2023	5.2m
POOMBUHAR	0612z	04Oct2023	3.9m
NAGAPATTINAM	0612z	04Oct2023	3.9m
PERUPALEM	0614z	04Oct2023	3.2m
NIJAMPATTANAM	0614z	04Oct2023	4.4m
CHENNAI	0614z	04Oct2023	4.1m
KARAIKAL	0616z	04Oct2023	3.8m
PURI	0617z	04Oct2023	2.7m
KOTTAPATNAM	0617z	04Oct2023	3.6m

MALLIPATTINAM	0617z	04Oct2023	4.8m
MUTHUPET	0618z	04Oct2023	4.2m
PARADIP	0619z	04Oct2023	2.6m
KALINGAPATNAM	0619z	04Oct2023	3.4m
KONADA	0620z	04Oct2023	2.7m
VISAKHAPATNAM	0621z	04Oct2023	3.1m
GOPALPUR	0627z	04Oct2023	3.8m
JAMBOO	0632z	04Oct2023	2.0m
TUTICORIN	0645z	04Oct2023	2.2m
RAMESWARAM	0654z	04Oct2023	2.1m
KOTTATAIPPATTANAM	0654z	04Oct2023	2.7m
DHAMRA	0655z	04Oct2023	1.6m
HEMNAGAR	0703z	04Oct2023	1.6m
KOODANKULAM	0705z	04Oct2023	3.0m
NAMKHANA	0710z	04Oct2023	1.9m
CHANDIPUR	0712z	04Oct2023	1.9m
DIGHA	0714z	04Oct2023	1.6m
KANYAKUMARI	0716z	04Oct2023	4.0m
TRIVANDRUM	0720z	04Oct2023	2.6m
QUILON	0720z	04Oct2023	2.4m
ALLEPPEY ALAPPUZHA	0728z	04Oct2023	1.9m
MINICOY	0728z	04Oct2023	1.6m
ANDROTH	0739z	04Oct2023	1.1m
KAVARATTI	0751z	04Oct2023	1.2m
AMINI	0758z	04Oct2023	1.1m
VADANAPPALLY	0801z	04Oct2023	1.4m
AGATTI	0802z	04Oct2023	1.3m
COCHIN	0804z	04Oct2023	2.0m
VAKKAD	0808z	04Oct2023	1.4m
BEYPURE	0821z	04Oct2023	1.3m
KANNUR	0831z	04Oct2023	1.3m
MAHE	0832z	04Oct2023	0.8m
KASARAGOD	0835z	04Oct2023	1.2m
KARWAR	0926z	04Oct2023	0.9m
MALVAN BAY	0952z	04Oct2023	0.6m
VASCO	0957z	04Oct2023	0.7m
PANAJI	0958z	04Oct2023	0.8m
JAIGARH	1014z	04Oct2023	0.7m
UDUPI	1031z	04Oct2023	1.0m
MANGALORE	1100z	04Oct2023	1.1m
ALIBAG PORT	1459z	04Oct2023	0.5m

INDONESIA

NAD ACEH-BESAR PULAU BREUEH	0421z	04Oct2023	14.0m
NAD KOTA-SABANG PULAU RONDO	0423z	04Oct2023	3.5m
NAD KOTA-SABANG PULAU WEH	0426z	04Oct2023	7.7m
NAD ACEH-BESAR PULAU PENAS	0431z	04Oct2023	17.0m
NAD ACEH-BESAR BAGIAN BARAT	0434z	04Oct2023	16.3m
NAD ACEH-JAYA	0435z	04Oct2023	8.7m
NAD ACEH-BESAR BAGIAN UTARA	0437z	04Oct2023	5.7m
NAD SIMEULUE PULAU SIMEULUE	0439z	04Oct2023	4.3m
NAD KOTA-BANDA-ACEH	0443z	04Oct2023	18.1m
NAD PIDIE	0444z	04Oct2023	9.7m
SUMUT NIAS BAGIAN BARAT	0454z	04Oct2023	2.7m
NAD BIREUEN	0500z	04Oct2023	4.6m
SUMUT NIAS BAGIAN TIMUR	0502z	04Oct2023	2.5m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	0502z	04Oct2023	3.3m
SUMUT NIAS-SELATAN PULAU NIAS	0504z	04Oct2023	2.6m
NAD ACEH-BARAT	0506z	04Oct2023	7.0m
NAD NAGAN-RAYA	0506z	04Oct2023	7.5m
NAD ACEH-UTARA BAGIAN BARAT	0507z	04Oct2023	5.5m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0507z	04Oct2023	1.7m
NAD KOTA-LHOKSEUMAWA	0512z	04Oct2023	5.3m
NAD ACEH-SELATAN BAGIAN UTARA	0514z	04Oct2023	3.6m
SUMUT NIAS-SELATAN PULAU TANABALA	0522z	04Oct2023	1.7m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	0522z	04Oct2023	1.1m

NAD ACEH-BARAT-DAYA	0524z	04Oct2023	6.6m
NAD ACEH-UTARA BAGIAN TIMUR	0531z	04Oct2023	6.5m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0548z	04Oct2023	0.8m
NAD ACEH-SELATAN BAGIAN SELATAN	0552z	04Oct2023	4.2m
NAD ACEH-TIMUR	0554z	04Oct2023	4.8m
NAD ACEH-SINGKIL	0631z	04Oct2023	3.0m
SUMUT TAPANULI-TENGAH BAGIAN UTARA	0632z	04Oct2023	1.0m
SUMUT MANDAILING-NATAL BAGIAN UTARA	0654z	04Oct2023	1.4m
SUMUT TAPANULI-SELATAN	0707z	04Oct2023	1.8m
SUMUT TAPANULI-TENGAH KEP. MURSALA	0713z	04Oct2023	1.3m
NAD KOTA-LANGSA	0718z	04Oct2023	5.5m
NAD ACEH-TAMIAN	0733z	04Oct2023	4.5m
LAMPUNG TANGGAMUS BAGIAN BARAT	0738z	04Oct2023	1.7m
SUMUT TAPANULI-TENGAH BAGIAN SELATAN	0743z	04Oct2023	1.3m
SUMBAR KOTA-PADANG BAGIAN UTARA	0802z	04Oct2023	1.5m
SUMUT LANGKAT	0818z	04Oct2023	2.7m
SUMUT NIAS-SELATAN PULAU PINI	0833z	04Oct2023	1.6m
SUMUT KOTA-MEDAN	0842z	04Oct2023	3.4m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0856z	04Oct2023	1.4m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0902z	04Oct2023	1.6m
SUMUT DELISERDANG	0903z	04Oct2023	1.3m
SUMUT SERDANG-BEDAGAI	0914z	04Oct2023	1.6m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0919z	04Oct2023	1.4m
LAMPUNG TANGGAMUS PULAU TABUAN	0919z	04Oct2023	0.6m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0920z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0923z	04Oct2023	1.2m
SUMBAR PASAMAN-BARAT	0940z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0947z	04Oct2023	1.4m
BENGKULU MUKOMUKO	0949z	04Oct2023	1.1m
BENGKULU SELUMA	0949z	04Oct2023	1.3m
BENGKULU KAUR	0949z	04Oct2023	1.2m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0949z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0952z	04Oct2023	1.3m
JABAR SUKABUMI PELABUHAN-RATU	1006z	04Oct2023	1.2m
BANTEN PANDEGLANG BAGIAN SELATAN	1006z	04Oct2023	1.0m
SUMUT KOTA-SIBOLGA	1008z	04Oct2023	1.9m
JABAR SUKABUMI UJUNG-GENTENG	1010z	04Oct2023	1.0m
SUMUT ASAHAN	1011z	04Oct2023	1.4m
SUMBAR KOTA-PADANG BAGIAN SELATAN	1014z	04Oct2023	1.1m
BANTEN PANDEGLANG PULAU PANAITAN	1019z	04Oct2023	0.7m
JABAR CIANJUR SINDANGBARANG	1022z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1037z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	1049z	04Oct2023	1.4m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	1123z	04Oct2023	0.8m
SUMBAR PESISIR-SELATAN BAGIAN UTARA	1125z	04Oct2023	0.7m
SUMUT MANDAILING-NATAL BAGIAN SELATAN	1126z	04Oct2023	1.4m
BANTEN LEBAK	1129z	04Oct2023	1.1m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	1131z	04Oct2023	0.7m
JATIM PACITAN	1135z	04Oct2023	0.8m
JABAR GARUT	1141z	04Oct2023	0.7m
SUMUT LABUHANBATU	1146z	04Oct2023	0.9m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	1147z	04Oct2023	0.7m
JATENG CILACAP	1148z	04Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN UTARA	1149z	04Oct2023	0.7m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1208z	04Oct2023	0.9m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	1210z	04Oct2023	0.7m
JATENG KEBUMEN	1211z	04Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1221z	04Oct2023	0.9m
SUMBAR AGAM	1224z	04Oct2023	0.7m
JATENG PURWOREJO	1231z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	1231z	04Oct2023	0.6m
JABAR TASIKMALAYA	1236z	04Oct2023	0.8m
BANTEN SERANG BAGIAN BARAT	1255z	04Oct2023	0.6m
SUMBAR KOTA-PARIAMAN	1257z	04Oct2023	0.7m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	1257z	04Oct2023	0.6m
JATIM TRENGGALEK	1306z	04Oct2023	0.7m
NTB LOMBOK-BARAT BAGIAN SELATAN	1311z	04Oct2023	0.5m
BENGKULU BENGKULU-SELATAN	1335z	04Oct2023	1.2m

DIY GUNUNG-KIDUL	1347z	04Oct2023	0.7m
DIY BANTUL	1347z	04Oct2023	0.9m
NTB DOMPU BAGIAN SELATAN	1348z	04Oct2023	0.6m
DIY KULON-PROGO	1355z	04Oct2023	0.5m
JATIM BLITAR	1407z	04Oct2023	0.7m
JABAR CIAMIS	1414z	04Oct2023	0.9m
RIAU ROKAN-HILIR	1429z	04Oct2023	0.6m
NTB LOMBOK-TENGAH	1432z	04Oct2023	0.7m
NTB LOMBOK-TIMUR BAGIAN SELATAN	1432z	04Oct2023	0.6m
JATIM JEMBER	1443z	04Oct2023	0.5m
JATIM LUMAJANG	1447z	04Oct2023	0.7m
BANTEN KOTA-CILEGON PULAU SANGIA	1450z	04Oct2023	0.5m
JATENG WONOGIRI	1459z	04Oct2023	0.8m
JATIM TULUNGAGUNG	1502z	04Oct2023	0.5m
JATIM MALANG	1506z	04Oct2023	0.5m
BALI BADUNG PANTAI-KUTA	1515z	04Oct2023	0.5m
BANTEN KOTA-CILEGON	1520z	04Oct2023	0.5m
JATIM JEMBER PULAU NUSABARUNG	1542z	04Oct2023	0.5m

IRAN

PUSHT 1205z 04Oct2023 0.6m

KENYA

KIWAYU 1211z 04Oct2023 1.2m
KIPINI 1237z 04Oct2023 1.1m
MALINDI 1237z 04Oct2023 1.2m
TAKAUNGU 1239z 04Oct2023 1.4m
MVULENI 1239z 04Oct2023 1.2m
KISIMACHANDE 1241z 04Oct2023 1.3m

MADAGASCAR

VOHEMAR 1131z 04Oct2023 1.2m
ANOROTSANGANA 1151z 04Oct2023 0.7m
TAMPOLO 1203z 04Oct2023 0.8m
AMBAHY 1214z 04Oct2023 0.8m
FARAFAGANA 1215z 04Oct2023 1.3m
MANANTENINA 1227z 04Oct2023 0.8m
SAMPONA 1304z 04Oct2023 0.8m
TOAMASINA AIRPORT 1401z 04Oct2023 0.6m
GLORIOSO ISLANDS 1455z 04Oct2023 0.6m

MALAYSIA

SATUN 0728z 04Oct2023 2.4m
YAN 0729z 04Oct2023 1.6m
WEST OF ALOR SETAR 0739z 04Oct2023 1.6m
SEBERANG PERAI SELATAN 0759z 04Oct2023 2.6m
SEBERANG PERAI UTARA AND BARAT DAYA 0801z 04Oct2023 2.2m
KERIAN 0817z 04Oct2023 1.9m
LARUT AND MATANG 0825z 04Oct2023 1.9m
KUALA MUDA 0827z 04Oct2023 1.4m
MANJUNG 0838z 04Oct2023 1.9m
HILIR PERAK 0953z 04Oct2023 1.3m
SABAK BERNAM 1124z 04Oct2023 1.0m
KUALA SELANGOR 1220z 04Oct2023 0.7m

MALDIVES

MALE 0705z 04Oct2023 7.7m
KULHUDUFFUSHI 0707z 04Oct2023 4.5m

IOC Technical Series, 181 (I) Supplement 1
page 270

KOLHUFUSHI	0707z	04Oct2023	7.4m
DHIYAMIGILI	0708z	04Oct2023	9.5m
THINADHOO	0709z	04Oct2023	4.6m
HITHADHOO	0713z	04Oct2023	5.2m
GOIDHOO	0720z	04Oct2023	2.6m
NILANDHOO	0725z	04Oct2023	5.0m
FERIDHOO	0726z	04Oct2023	3.3m

MAURITIUS

LA FERME	0950z	04Oct2023	1.5m
CARGADOS CARAJOS	1021z	04Oct2023	1.7m
AGALEGA ISLAND	1024z	04Oct2023	0.8m
GRANDE REVIERE SUD EST-EAST	1039z	04Oct2023	1.3m
GRANDE REVIERE SUD EST-WEST	1207z	04Oct2023	0.7m

MOZAMBIQUE

MAGANJA	1245z	04Oct2023	1.1m
QUITERAJO	1300z	04Oct2023	0.7m
TAVARI	1302z	04Oct2023	0.5m
PEMBA	1302z	04Oct2023	0.7m
MERONVI	1305z	04Oct2023	0.9m
MECUFI	1308z	04Oct2023	1.0m
NANGATA	1309z	04Oct2023	0.8m
LURIO	1310z	04Oct2023	0.7m
MINHAUINE	1315z	04Oct2023	1.1m
MURREBUE	1515z	04Oct2023	0.6m

MYANMAR

PREPARIS ISLAND	0524z	04Oct2023	2.1m
LITTLE COCO ISLAND	0528z	04Oct2023	2.1m
THAN KYUN	0535z	04Oct2023	5.3m
GREAT WESTERN TORRES ISLAND	0536z	04Oct2023	2.2m
LORD LOUGHBOROUGH ISLAND	0538z	04Oct2023	3.9m
KYWEGYAUNG	0550z	04Oct2023	1.7m
CHEDEBA ISLAND	0559z	04Oct2023	1.7m
MAGYIGYAING	0601z	04Oct2023	2.4m
MAWYEN	0604z	04Oct2023	1.5m
KYAUKPYU	0621z	04Oct2023	1.6m
THAWINCHAUNG	0625z	04Oct2023	1.5m
SITTWE	0627z	04Oct2023	2.1m
PHARPON	0704z	04Oct2023	1.5m
MALI KYUN	0712z	04Oct2023	1.8m
YANGON-S	0735z	04Oct2023	1.3m
YE	0744z	04Oct2023	1.3m

OMAN

AD DUQM	1035z	04Oct2023	0.7m
HASIK	1057z	04Oct2023	0.9m
SALALAH	1058z	04Oct2023	1.1m
MIRBAT	1103z	04Oct2023	1.3m
AL ASHKHARAH	1109z	04Oct2023	0.9m
TAQAH	1109z	04Oct2023	1.2m
AL JAZER	1112z	04Oct2023	0.6m
QURAYYAT	1123z	04Oct2023	0.7m
RAS AR RUWAYS	1249z	04Oct2023	0.6m
SUR	1318z	04Oct2023	0.8m

PAKISTAN

ORMARA	1140z	04Oct2023	0.7m
KARACHI	1221z	04Oct2023	0.7m

SEYCHELLES

FREGATE ISLAND	1010z	04Oct2023	2.1m
COETIVY ISLAND	1018z	04Oct2023	1.8m
ILE DESROCHES	1043z	04Oct2023	1.2m
ALPHONSE ISLAND	1057z	04Oct2023	0.8m
TAKAMAKA	1108z	04Oct2023	2.1m
FARQUHAR GROUP	1112z	04Oct2023	1.0m
ALDABRA	1150z	04Oct2023	0.8m
ASTOVE ISLAND	1345z	04Oct2023	0.7m

SOMALIA

BANDER-BEYLA	1104z	04Oct2023	2.3m
EYL	1109z	04Oct2023	3.7m
TOOXIN	1110z	04Oct2023	2.5m
GALDOGOB	1114z	04Oct2023	2.7m
JARIIBAN	1116z	04Oct2023	2.9m
XARARDHEERE	1122z	04Oct2023	2.9m
CEEL DHEER	1123z	04Oct2023	2.8m
ITALA	1124z	04Oct2023	1.9m
MAREEG	1125z	04Oct2023	1.7m
ABO	1129z	04Oct2023	1.4m
UARSCIECH	1131z	04Oct2023	1.7m
MUQDISHO	1136z	04Oct2023	1.6m
BEYNAX BARRE	1143z	04Oct2023	2.0m
BARAAWE	1148z	04Oct2023	1.8m
JILIB	1157z	04Oct2023	1.8m
TURDHO	1159z	04Oct2023	1.9m
NE BEERNAASI	1202z	04Oct2023	1.9m
KAAMBOONI	1210z	04Oct2023	1.6m
QANDALA	1247z	04Oct2023	0.6m

SOUTH AFRICA

GWABALANDA HITAWI	1511z	04Oct2023	0.5m
ABORETUM	1528z	04Oct2023	0.5m
MARSHSTRAND	1537z	04Oct2023	0.5m
ZIKHOVA	1539z	04Oct2023	0.5m
PEDDIE	1546z	04Oct2023	0.5m

SRI LANKA

BATTICALOA	0538z	04Oct2023	9.0m
AKKARAI PATTU	0539z	04Oct2023	7.1m
KIRINDA	0542z	04Oct2023	9.5m
ANAITIVU	0545z	04Oct2023	3.9m
KATTANKUDI	0545z	04Oct2023	8.2m
PANKULAM	0545z	04Oct2023	5.6m
OKANDA	0546z	04Oct2023	11.5m
POTTUVIL	0547z	04Oct2023	9.6m
MULLAITTIVU	0550z	04Oct2023	6.7m
TANGALLE	0555z	04Oct2023	7.0m
MATARA	0557z	04Oct2023	7.8m
HAMBANTOTA	0559z	04Oct2023	9.5m
CHUNDIKKULAM	0605z	04Oct2023	4.2m
AMBALANGODA	0606z	04Oct2023	4.2m
GALLE	0606z	04Oct2023	6.6m
CHAVAKACHCHERI	0612z	04Oct2023	4.5m
POINT PEDRO	0613z	04Oct2023	4.6m
BERUWALA	0619z	04Oct2023	3.9m

IOC Technical Series, 181 (I) Supplement 1
page 272

COLOMBO	0620z	04Oct2023	3.3m
MORATUWA	0623z	04Oct2023	4.1m
NEGOMBO	0627z	04Oct2023	2.9m
MUNDAL LAKE	0632z	04Oct2023	2.9m
MANNAR ISLAND	0637z	04Oct2023	2.0m
MUSALI	0654z	04Oct2023	1.6m

TANZANIA

VUMBA	1233z	04Oct2023	0.8m
VUMBI	1234z	04Oct2023	0.8m
ZANZIBAR	1238z	04Oct2023	1.0m
JIMBO	1241z	04Oct2023	0.8m
GAZIJA	1243z	04Oct2023	1.0m
SONGO SONGO ISLAND	1244z	04Oct2023	0.9m
KUTANI	1246z	04Oct2023	1.1m
MADANGWA	1246z	04Oct2023	1.7m
RUVU	1247z	04Oct2023	0.9m
MSASANI	1254z	04Oct2023	0.6m
BOMALANDNI	1341z	04Oct2023	0.8m
WEST TO KONDE	1344z	04Oct2023	0.9m

THAILAND

THAI MUEANG	0532z	04Oct2023	8.6m
KO RACHA NOI	0539z	04Oct2023	5.4m
KOH SURIN TAI	0544z	04Oct2023	6.7m
KOH LANTA YAI	0615z	04Oct2023	2.5m
THAI MUEANG_TAKUA PA	0619z	04Oct2023	8.1m
KOH ROK	0620z	04Oct2023	2.5m
MUEANG SATUN	0625z	04Oct2023	2.4m
KOH TARUTAO	0739z	04Oct2023	3.5m

UNITED KINGDOM

MORESBY ISLAND	0734z	04Oct2023	4.2m
DIEGO GARCIA	0738z	04Oct2023	3.0m
NW EGMONT ISLAND	0757z	04Oct2023	2.3m

YEMEN

DAMQAWT	1101z	04Oct2023	1.2m
AL GHAYDAH AIRPORT	1108z	04Oct2023	1.3m
SOCOTRA ISLAND NORTH	1114z	04Oct2023	1.2m
SOCOTRA ISLAND SOUTH	1115z	04Oct2023	2.0m
HUSWAYN	1118z	04Oct2023	1.4m
SOCOTRA ISLAND WEST	1120z	04Oct2023	0.9m
ALQUMRAH	1144z	04Oct2023	0.9m
MASILAH WADI	1302z	04Oct2023	0.8m
HAMI	1309z	04Oct2023	0.5m
HARRAH	1314z	04Oct2023	0.5m
AL MUKALLA	1349z	04Oct2023	0.7m

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 IOTWMS-TSP INDONESIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (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://rtsp.bmkg.go.id/publicbull.php>

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monitrtwp@bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST

BULLETIN 4

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TSP-InaTEWS-20231004-0500-004

TSUNAMI BULLETIN NUMBER 4 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 0500 UTC, Oct 04, 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION (updated)

IOTWMS-TSP INDONESIA has detected an earthquake with the following details:

Magnitude : 9.0 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

2. EVALUATION

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

LOCATION	COUNTRIES	LAT	LON	TIME (UTC)	DATE	AMPL (m)
Campbell Bay	INDIA	7.00N	93.93E	0429z UTC	4 Oct 2023	6.0m
Sabang	INDONESIA	5.83N	95.33E	0430z UTC	4 Oct 2023	3.7m
Port Blair	INDIA	11.68N	92.76E	0439z UTC	4 Oct 2023	3.6m
DART 23227	INDIA	6.26N	88.79E	0441z UTC	4 Oct 2023	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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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	0628z	04Oct2023	1.3m
CHRISTMAS ISLAND	0959z	04Oct2023	1.1m
GASCOYNE COAST	1006z	04Oct2023	1.1m
LEEUVIN COAST	1136z	04Oct2023	0.8m
PILBARA COAST WEST	1149z	04Oct2023	0.8m
NINGALOO COAST	1201z	04Oct2023	0.7m
GERALDTON COAST	1214z	04Oct2023	0.6m
PILBARA COAST EAST	1320z	04Oct2023	0.5m
BUNBURY GEOGRAPHE COAST	1412z	04Oct2023	0.6m
LANCELIN COAST	1414z	04Oct2023	0.7m
HEARD ISLAND AND MCDONALD ISLANDS	1421z	04Oct2023	1.6m
AURORA BANK	1502z	04Oct2023	0.9m

BANGLADESH

COXS BAZAR	0657z	04Oct2023	1.6m
KUTUBDIA ISLAND	0707z	04Oct2023	1.6m
BARGUNA	0736z	04Oct2023	1.8m
CHALNA	0802z	04Oct2023	1.4m

COMOROS

BAMBAO	1219z	04Oct2023	0.6m
CHEZANI	1224z	04Oct2023	0.8m
FOMBONI	1231z	04Oct2023	1.1m
DZAOUDZI	1333z	04Oct2023	0.7m

FRANCE

SAINT-DENIS	1130z	04Oct2023	0.6m
ILE SAINT-PAUL-NORTH	1132z	04Oct2023	1.0m
ILE SAINT-PAUL-SOUTH	1145z	04Oct2023	0.9m
ILE DE LA POSSESSION	1322z	04Oct2023	1.1m
NES CROZET	1329z	04Oct2023	0.9m
CROZET PLATEAU	1349z	04Oct2023	0.7m
ILE KERGUELEN	1358z	04Oct2023	0.6m

INDIA

CAR NICOBAR	0403z	04Oct2023	12.8m
KOMATRA AND KATCHAL ISLAND	0404z	04Oct2023	15.1m
INDIRA POINT	0408z	04Oct2023	12.7m
LITTLE ANDAMAN	0411z	04Oct2023	6.8m
NORTH SENTINEL ISLAND	0426z	04Oct2023	4.4m
PORT BLAIR	0433z	04Oct2023	3.7m
HAVELOCK	0449z	04Oct2023	4.0m
WEST AND LANDFALL ISLAND	0455z	04Oct2023	2.6m
BARREN ISLAND	0455z	04Oct2023	2.2m
FLAT ISLAND	0456z	04Oct2023	3.7m
RANGATH BAY	0500z	04Oct2023	3.8m
DIGLIPUR	0511z	04Oct2023	2.9m
NARCONDAM ISLAND	0543z	04Oct2023	1.7m
MARAKKANAM	0604z	04Oct2023	3.6m
CUDDALORE	0606z	04Oct2023	3.9m
PUDUCHERRY	0607z	04Oct2023	3.8m
ENNORE	0609z	04Oct2023	4.0m
KAKINADA	0610z	04Oct2023	3.7m
SRIHARIKOTA	0610z	04Oct2023	3.2m
MACHILIPATNAM	0611z	04Oct2023	3.1m
MAHABALIPURAM	0611z	04Oct2023	5.2m
POOMBUHAR	0612z	04Oct2023	3.9m
NAGAPATTINAM	0612z	04Oct2023	3.9m
PERUPALEM	0614z	04Oct2023	3.2m
NIJAMPATTANAM	0614z	04Oct2023	4.4m

CHENNAI	0614z	04Oct2023	4.1m
KARAIKAL	0616z	04Oct2023	3.8m
PURI	0617z	04Oct2023	2.7m
KOTTAPATNAM	0617z	04Oct2023	3.6m
MALLIPATTINAM	0617z	04Oct2023	4.8m
MUTHUPET	0618z	04Oct2023	4.2m
PARADIP	0619z	04Oct2023	2.6m
KALINGAPATNAM	0619z	04Oct2023	3.4m
KONADA	0620z	04Oct2023	2.7m
VISAKHAPATNAM	0621z	04Oct2023	3.1m
GOPALPUR	0627z	04Oct2023	3.8m
JAMBOO	0632z	04Oct2023	2.0m
TUTICORIN	0645z	04Oct2023	2.2m
RAMESWARAM	0654z	04Oct2023	2.1m
KOTTAIPPATTANAM	0654z	04Oct2023	2.7m
DHAMRA	0655z	04Oct2023	1.6m
HEMNAGAR	0703z	04Oct2023	1.6m
KOODANKULAM	0705z	04Oct2023	3.0m
NAMKHANA	0710z	04Oct2023	1.9m
CHANDIPUR	0712z	04Oct2023	1.9m
DIGHA	0714z	04Oct2023	1.6m
KANYAKUMARI	0716z	04Oct2023	4.0m
TRIVANDRUM	0720z	04Oct2023	2.6m
QUILON	0720z	04Oct2023	2.4m
ALLEPPEY ALAPPUZHA	0728z	04Oct2023	1.9m
MINICOY	0728z	04Oct2023	1.6m
ANDROTH	0739z	04Oct2023	1.1m
KAVARATTI	0751z	04Oct2023	1.2m
AMINI	0758z	04Oct2023	1.1m
VADANAPPALLY	0801z	04Oct2023	1.4m
AGATTI	0802z	04Oct2023	1.3m
COCHIN	0804z	04Oct2023	2.0m
VAKKAD	0808z	04Oct2023	1.4m
BEYPORE	0821z	04Oct2023	1.3m
KANNUR	0831z	04Oct2023	1.3m
MAHE	0832z	04Oct2023	0.8m
KASARAGOD	0835z	04Oct2023	1.2m
KARWAR	0926z	04Oct2023	0.9m
MALVAN BAY	0952z	04Oct2023	0.6m
VASCO	0957z	04Oct2023	0.7m
PANAJI	0958z	04Oct2023	0.8m
JAIGARH	1014z	04Oct2023	0.7m
UDUPI	1031z	04Oct2023	1.0m
MANGALORE	1100z	04Oct2023	1.1m
ALIBAG PORT	1459z	04Oct2023	0.5m

INDONESIA

NAD ACEH-BESAR PULAU BREUEH	0421z	04Oct2023	14.0m
NAD KOTA-SABANG PULAU RONDO	0423z	04Oct2023	3.5m
NAD KOTA-SABANG PULAU WEH	0426z	04Oct2023	7.7m
NAD ACEH-BESAR PULAU PENAS	0431z	04Oct2023	17.0m
NAD ACEH-BESAR BAGIAN BARAT	0434z	04Oct2023	16.3m
NAD ACEH-JAYA	0435z	04Oct2023	8.7m
NAD ACEH-BESAR BAGIAN UTARA	0437z	04Oct2023	5.7m
NAD SIMEULUE PULAU SIMEULUE	0439z	04Oct2023	4.3m
NAD KOTA-BANDA-ACEH	0443z	04Oct2023	18.1m
NAD PIDIE	0444z	04Oct2023	9.7m
SUMUT NIAS BAGIAN BARAT	0454z	04Oct2023	2.7m
NAD BIREUEN	0500z	04Oct2023	4.6m
SUMUT NIAS BAGIAN TIMUR	0502z	04Oct2023	2.5m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	0502z	04Oct2023	3.3m
SUMUT NIAS-SELATAN PULAU NIAS	0504z	04Oct2023	2.6m
NAD ACEH-BARAT	0506z	04Oct2023	7.0m
NAD NAGAN-RAYA	0506z	04Oct2023	7.5m
NAD ACEH-UTARA BAGIAN BARAT	0507z	04Oct2023	5.5m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0507z	04Oct2023	1.7m

NAD KOTA-LHOKSEUMAWA	0512z	04Oct2023	5.3m
NAD ACEH-SELATAN BAGIAN UTARA	0514z	04Oct2023	3.6m
SUMUT NIAS-SELATAN PULAU TANABALA	0522z	04Oct2023	1.7m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	0522z	04Oct2023	1.1m
NAD ACEH-BARAT-DAYA	0524z	04Oct2023	6.6m
NAD ACEH-UTARA BAGIAN TIMUR	0531z	04Oct2023	6.5m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0548z	04Oct2023	0.8m
NAD ACEH-SELATAN BAGIAN SELATAN	0552z	04Oct2023	4.2m
NAD ACEH-TIMUR	0554z	04Oct2023	4.8m
NAD ACEH-SINGKIL	0631z	04Oct2023	3.0m
SUMUT TAPANULI-TENGAH BAGIAN UTARA	0632z	04Oct2023	1.0m
SUMUT MANDAILING-NATAL BAGIAN UTARA	0654z	04Oct2023	1.4m
SUMUT TAPANULI-SELATAN	0707z	04Oct2023	1.8m
SUMUT TAPANULI-TENGAH KEP. MURSALA	0713z	04Oct2023	1.3m
NAD KOTA-LANGSA	0718z	04Oct2023	5.5m
NAD ACEH-TAMIANG	0733z	04Oct2023	4.5m
LAMPUNG TANGGAMUS BAGIAN BARAT	0738z	04Oct2023	1.7m
SUMUT TAPANULI-TENGAH BAGIAN SELATAN	0743z	04Oct2023	1.3m
SUMBAR KOTA-PADANG BAGIAN UTARA	0802z	04Oct2023	1.5m
SUMUT LANGKAT	0818z	04Oct2023	2.7m
SUMUT NIAS-SELATAN PULAU PINI	0833z	04Oct2023	1.6m
SUMUT KOTA-MEDAN	0842z	04Oct2023	3.4m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0856z	04Oct2023	1.4m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0902z	04Oct2023	1.6m
SUMUT DELISERDANG	0903z	04Oct2023	1.3m
SUMUT SERDANG-BEDAGAI	0914z	04Oct2023	1.6m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0919z	04Oct2023	1.4m
LAMPUNG TANGGAMUS PULAU TABUAN	0919z	04Oct2023	0.6m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0920z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0923z	04Oct2023	1.2m
SUMBAR PASAMAN-BARAT	0940z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0947z	04Oct2023	1.4m
BENGKULU MUKOMUKO	0949z	04Oct2023	1.1m
BENGKULU SELUMA	0949z	04Oct2023	1.3m
BENGKULU KAUR	0949z	04Oct2023	1.2m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0949z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0952z	04Oct2023	1.3m
JABAR SUKABUMI PELABUHAN-RATU	1006z	04Oct2023	1.2m
BANTEN PANDEGLANG BAGIAN SELATAN	1006z	04Oct2023	1.0m
SUMUT KOTA-SIBOLGA	1008z	04Oct2023	1.9m
JABAR SUKABUMI UJUNG-GENTENG	1010z	04Oct2023	1.0m
SUMUT ASAHAN	1011z	04Oct2023	1.4m
SUMBAR KOTA-PADANG BAGIAN SELATAN	1014z	04Oct2023	1.1m
BANTEN PANDEGLANG PULAU PANAITAN	1019z	04Oct2023	0.7m
JABAR CIANJUR SINDANGBARANG	1022z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1037z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	1049z	04Oct2023	1.4m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	1123z	04Oct2023	0.8m
SUMBAR PESISIR-SELATAN BAGIAN UTARA	1125z	04Oct2023	0.7m
SUMUT MANDAILING-NATAL BAGIAN SELATAN	1126z	04Oct2023	1.4m
BANTEN LEBAK	1129z	04Oct2023	1.1m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	1131z	04Oct2023	0.7m
JATIM PACITAN	1135z	04Oct2023	0.8m
JABAR GARUT	1141z	04Oct2023	0.7m
SUMUT LABUHANBATU	1146z	04Oct2023	0.9m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	1147z	04Oct2023	0.7m
JATENG CILACAP	1148z	04Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN UTARA	1149z	04Oct2023	0.7m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1208z	04Oct2023	0.9m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	1210z	04Oct2023	0.7m
JATENG KEBUMEN	1211z	04Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1221z	04Oct2023	0.9m
SUMBAR AGAM	1224z	04Oct2023	0.7m
JATENG PURWOREJO	1231z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	1231z	04Oct2023	0.6m
JABAR TASIKMALAYA	1236z	04Oct2023	0.8m
BANTEN SERANG BAGIAN BARAT	1255z	04Oct2023	0.6m
SUMBAR KOTA-PARIAMAN	1257z	04Oct2023	0.7m

IOC Technical Series, 181 (I) Supplement 1
page 278

LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	1257z	04Oct2023	0.6m
JATIM TRENGGALEK	1306z	04Oct2023	0.7m
NTB LOMBOK-BARAT BAGIAN SELATAN	1311z	04Oct2023	0.5m
BENGKULU BENGKULU-SELATAN	1335z	04Oct2023	1.2m
DIY GUNUNG-KIDUL	1347z	04Oct2023	0.7m
DIY BANTUL	1347z	04Oct2023	0.9m
NTB DOMPU BAGIAN SELATAN	1348z	04Oct2023	0.6m
DIY KULON-PROGO	1355z	04Oct2023	0.5m
JATIM BLITAR	1407z	04Oct2023	0.7m
JABAR CIAMIS	1414z	04Oct2023	0.9m
RIAU ROKAN-HILIR	1429z	04Oct2023	0.6m
NTB LOMBOK-TENGAH	1432z	04Oct2023	0.7m
NTB LOMBOK-TIMUR BAGIAN SELATAN	1432z	04Oct2023	0.6m
JATIM JEMBER	1443z	04Oct2023	0.5m
JATIM LUMAJANG	1447z	04Oct2023	0.7m
BANTEN KOTA-CILEGON PULAU SANGIA	1450z	04Oct2023	0.5m
JATENG WONOGIRI	1459z	04Oct2023	0.8m
JATIM TULUNGAGUNG	1502z	04Oct2023	0.5m
JATIM MALANG	1506z	04Oct2023	0.5m
BALI BADUNG PANTAI-KUTA	1515z	04Oct2023	0.5m
BANTEN KOTA-CILEGON	1520z	04Oct2023	0.5m
JATIM JEMBER PULAU NUSABARUNG	1542z	04Oct2023	0.5m

IRAN

PUSHT 1205z 04Oct2023 0.6m

KENYA

KIWAYU 1211z 04Oct2023 1.2m
KIPINI 1237z 04Oct2023 1.1m
MALINDI 1237z 04Oct2023 1.2m
TAKAUNGU 1239z 04Oct2023 1.4m
MVULENI 1239z 04Oct2023 1.2m
KISIMACHANDE 1241z 04Oct2023 1.3m

MADAGASCAR

VOHEMAR 1131z 04Oct2023 1.2m
ANOROTSANGANA 1151z 04Oct2023 0.7m
TAMPOLO 1203z 04Oct2023 0.8m
AMBAHY 1214z 04Oct2023 0.8m
FARAFAGANA 1215z 04Oct2023 1.3m
MANANTENINA 1227z 04Oct2023 0.8m
SAMPONA 1304z 04Oct2023 0.8m
TOAMASINA AIRPORT 1401z 04Oct2023 0.6m
GLORIOSO ISLANDS 1455z 04Oct2023 0.6m

MALAYSIA

SATUN 0728z 04Oct2023 2.4m
YAN 0729z 04Oct2023 1.6m
WEST OF ALOR SETAR 0739z 04Oct2023 1.6m
SEBERANG PERAI SELATAN 0759z 04Oct2023 2.6m
SEBERANG PERAI UTARA AND BARAT DAYA 0801z 04Oct2023 2.2m
KERIAN 0817z 04Oct2023 1.9m
LARUT AND MATANG 0825z 04Oct2023 1.9m
KUALA MUDA 0827z 04Oct2023 1.4m
MANJUNG 0838z 04Oct2023 1.9m
HILIR PERAK 0953z 04Oct2023 1.3m
SABAK BERNAM 1124z 04Oct2023 1.0m
KUALA SELANGOR 1220z 04Oct2023 0.7m

MALDIVES

MALE	0705z	04Oct2023	7.7m
KULHUDUFFUSHI	0707z	04Oct2023	4.5m
KOLHUFUSHI	0707z	04Oct2023	7.4m
DHIYAMIGILI	0708z	04Oct2023	9.5m
THINADHOO	0709z	04Oct2023	4.6m
HITHADHOO	0713z	04Oct2023	5.2m
GOIDHOO	0720z	04Oct2023	2.6m
NILANDHOO	0725z	04Oct2023	5.0m
FERIDHOO	0726z	04Oct2023	3.3m

MAURITIUS

LA FERME	0950z	04Oct2023	1.5m
CARGADOS CARAJOS	1021z	04Oct2023	1.7m
AGALEGA ISLAND	1024z	04Oct2023	0.8m
GRANDE REVIERE SUD EST-EAST	1039z	04Oct2023	1.3m
GRANDE REVIERE SUD EST-WEST	1207z	04Oct2023	0.7m

MOZAMBIQUE

MAGANJA	1245z	04Oct2023	1.1m
QUITERAJO	1300z	04Oct2023	0.7m
TAVARI	1302z	04Oct2023	0.5m
PEMBA	1302z	04Oct2023	0.7m
MERONVI	1305z	04Oct2023	0.9m
MECUFI	1308z	04Oct2023	1.0m
NANGATA	1309z	04Oct2023	0.8m
LURIO	1310z	04Oct2023	0.7m
MINHAUINE	1315z	04Oct2023	1.1m
MURREBUE	1515z	04Oct2023	0.6m

MYANMAR

PREPARIS ISLAND	0524z	04Oct2023	2.1m
LITTLE COCO ISLAND	0528z	04Oct2023	2.1m
THAN KYUN	0535z	04Oct2023	5.3m
GREAT WESTERN TORRES ISLAND	0536z	04Oct2023	2.2m
LORD LOUGHBOROUGH ISLAND	0538z	04Oct2023	3.9m
KYWEGYAUNG	0550z	04Oct2023	1.7m
CHEDUBA ISLAND	0559z	04Oct2023	1.7m
MAGYIGYAING	0601z	04Oct2023	2.4m
MAWYEN	0604z	04Oct2023	1.5m
KYAUKPYU	0621z	04Oct2023	1.6m
THAWINCHAUNG	0625z	04Oct2023	1.5m
SITTWE	0627z	04Oct2023	2.1m
PHARPON	0704z	04Oct2023	1.5m
MALI KYUN	0712z	04Oct2023	1.8m
YANGON-S	0735z	04Oct2023	1.3m
YE	0744z	04Oct2023	1.3m

OMAN

AD DUQM	1035z	04Oct2023	0.7m
HASIK	1057z	04Oct2023	0.9m
SALALAH	1058z	04Oct2023	1.1m
MIRBAT	1103z	04Oct2023	1.3m
AL ASHKHARAH	1109z	04Oct2023	0.9m
TAQAH	1109z	04Oct2023	1.2m
AL JAZER	1112z	04Oct2023	0.6m
QURAYYAT	1123z	04Oct2023	0.7m
RAS AR RUWAYS	1249z	04Oct2023	0.6m
SUR	1318z	04Oct2023	0.8m

PAKISTAN

ORMARA	1140z	04Oct2023	0.7m
KARACHI	1221z	04Oct2023	0.7m

SEYCHELLES

FREGATE ISLAND	1010z	04Oct2023	2.1m
COETIVY ISLAND	1018z	04Oct2023	1.8m
ILE DESROCHES	1043z	04Oct2023	1.2m
ALPHONSE ISLAND	1057z	04Oct2023	0.8m
TAKAMAKA	1108z	04Oct2023	2.1m
FARQUHAR GROUP	1112z	04Oct2023	1.0m
ALDABRA	1150z	04Oct2023	0.8m
ASTOVE ISLAND	1345z	04Oct2023	0.7m

SOMALIA

BANDER-BEYLA	1104z	04Oct2023	2.3m
EYL	1109z	04Oct2023	3.7m
TOOXIN	1110z	04Oct2023	2.5m
GALDOGOB	1114z	04Oct2023	2.7m
JARI IBAN	1116z	04Oct2023	2.9m
XARARDHEERE	1122z	04Oct2023	2.9m
CEEL DHEER	1123z	04Oct2023	2.8m
ITALA	1124z	04Oct2023	1.9m
MAREEG	1125z	04Oct2023	1.7m
ABO	1129z	04Oct2023	1.4m
UARSCIECH	1131z	04Oct2023	1.7m
MUQDISHO	1136z	04Oct2023	1.6m
BEYNAX BARRE	1143z	04Oct2023	2.0m
BARAAWE	1148z	04Oct2023	1.8m
JILIB	1157z	04Oct2023	1.8m
TURDHO	1159z	04Oct2023	1.9m
NE BEERNAASI	1202z	04Oct2023	1.9m
KAAMBOONI	1210z	04Oct2023	1.6m
QANDALA	1247z	04Oct2023	0.6m

SOUTH AFRICA

GWABALANDA HITAWI	1511z	04Oct2023	0.5m
ABORETUM	1528z	04Oct2023	0.5m
MARSHSTRAND	1537z	04Oct2023	0.5m
ZIKHOVA	1539z	04Oct2023	0.5m
PEDDIE	1546z	04Oct2023	0.5m

SRI LANKA

BATTICALOA	0538z	04Oct2023	9.0m
AKKARAI PATTU	0539z	04Oct2023	7.1m
KIRINDA	0542z	04Oct2023	9.5m
ANAITIVU	0545z	04Oct2023	3.9m
KATTANKUDI	0545z	04Oct2023	8.2m
PANKULAM	0545z	04Oct2023	5.6m
OKANDA	0546z	04Oct2023	11.5m
POTTUVIL	0547z	04Oct2023	9.6m
MULLAITTIVU	0550z	04Oct2023	6.7m
TANGALLE	0555z	04Oct2023	7.0m
MATARA	0557z	04Oct2023	7.8m
HAMBANTOTA	0559z	04Oct2023	9.5m
CHUNDIKKULAM	0605z	04Oct2023	4.2m
AMBALANGODA	0606z	04Oct2023	4.2m

GALLE	0606z	04Oct2023	6.6m
CHAVAKACHCHERI	0612z	04Oct2023	4.5m
POINT PEDRO	0613z	04Oct2023	4.6m
BERUWALA	0619z	04Oct2023	3.9m
COLOMBO	0620z	04Oct2023	3.3m
MORATUWA	0623z	04Oct2023	4.1m
NEGOMBO	0627z	04Oct2023	2.9m
MUNDAL LAKE	0632z	04Oct2023	2.9m
MANNAR ISLAND	0637z	04Oct2023	2.0m
MUSALI	0654z	04Oct2023	1.6m

TANZANIA

VUMBA	1233z	04Oct2023	0.8m
VUMBI	1234z	04Oct2023	0.8m
ZANZIBAR	1238z	04Oct2023	1.0m
JIMBO	1241z	04Oct2023	0.8m
GAZIJA	1243z	04Oct2023	1.0m
SONGO SONGO ISLAND	1244z	04Oct2023	0.9m
KUTANI	1246z	04Oct2023	1.1m
MADANGWA	1246z	04Oct2023	1.7m
RUVU	1247z	04Oct2023	0.9m
MSASANI	1254z	04Oct2023	0.6m
BOMALANDNI	1341z	04Oct2023	0.8m
WEST TO KONDE	1344z	04Oct2023	0.9m

THAILAND

THAI MUEANG	0532z	04Oct2023	8.6m
KO RACHA NOI	0539z	04Oct2023	5.4m
KOH SURIN TAI	0544z	04Oct2023	6.7m
KOH LANTA YAI	0615z	04Oct2023	2.5m
THAI MUEANG_TAKUA PA	0619z	04Oct2023	8.1m
KOH ROK	0620z	04Oct2023	2.5m
MUEANG SATUN	0625z	04Oct2023	2.4m
KOH TARUTAO	0739z	04Oct2023	3.5m

UNITED KINGDOM

MORESBY ISLAND	0734z	04Oct2023	4.2m
DIEGO GARCIA	0738z	04Oct2023	3.0m
NW EGMONT ISLAND	0757z	04Oct2023	2.3m

YEMEN

DAMQAWT	1101z	04Oct2023	1.2m
AL GHAYDAH AIRPORT	1108z	04Oct2023	1.3m
SOCOTRA ISLAND NORTH	1114z	04Oct2023	1.2m
SOCOTRA ISLAND SOUTH	1115z	04Oct2023	2.0m
HUSWAYN	1118z	04Oct2023	1.4m
SOCOTRA ISLAND WEST	1120z	04Oct2023	0.9m
ALQUMRAH	1144z	04Oct2023	0.9m
MASILAH WADI	1302z	04Oct2023	0.8m
HAMI	1309z	04Oct2023	0.5m
HARRAH	1314z	04Oct2023	0.5m
AL MUKALLA	1349z	04Oct2023	0.7m

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 IOTWMS-TSP INDONESIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (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://rtsp.bmkg.go.id/publicbull.php>

<https://www.bmkg.go.id>

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E-Mail: inartsp@bmkg.go.id

monitrtwp@bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST

BULLETIN 5

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TSP-InaTEWS-20231004-0600-005

TSUNAMI BULLETIN NUMBER 5 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 0600 UTC, Oct 04, 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION (updated)

IOTWMS-TSP INDONESIA has detected an earthquake with the following details:

Magnitude : 9.0 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

2. EVALUATION

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

LOCATION	COUNTRIES	LAT	LON	TIME (UTC)	DATE	AMPL (m)
Campbell Bay	INDIA	7.00N	93.93E	0429z UTC	4 Oct 2023	6.0m
Sabang	INDONESIA	5.83N	95.33E	0430z UTC	4 Oct 2023	3.7m
Port Blair	INDIA	11.68N	92.76E	0439z UTC	4 Oct 2023	3.6m
DART 23227	INDIA	6.26N	88.79E	0441z UTC	4 Oct 2023	2.6m
Nancowry	INDIA	8.05N	93.55E	0508z UTC	4 Oct 2023	8.5m
Telukdalam	INDONESIA	0.55N	97.82E	0508z UTC	4 Oct 2023	2.0m
Meulaboh	INDONESIA	4.13N	96.13E	0514z UTC	4 Oct 2023	9.1m
DART 23218	INDIA	10.17N	88.50E	0516z UTC	4 Oct 2023	0.5m
Tanahbala	INDONESIA	0.53S	98.50E	0530z UTC	4 Oct 2023	1.1m
Ko Miang	THAILAND	8.55N	97.63E	0539z UTC	4 Oct 2023	3.3m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0541z UTC	4 Oct 2023	2.3m
Trincomalee	SRI LANKA	8.56N	81.20E	0547z UTC	4 Oct 2023	4.8m

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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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	0628z	04Oct2023	1.3m
CHRISTMAS ISLAND	0959z	04Oct2023	1.1m
GASCOYNE COAST	1006z	04Oct2023	1.1m
LEEWIN COAST	1136z	04Oct2023	0.8m
PILBARA COAST WEST	1149z	04Oct2023	0.8m
NINGALOO COAST	1201z	04Oct2023	0.7m
GERALDTON COAST	1214z	04Oct2023	0.6m
PILBARA COAST EAST	1320z	04Oct2023	0.5m
BUNBURY GEOGRAPHE COAST	1412z	04Oct2023	0.6m
LANCELIN COAST	1414z	04Oct2023	0.7m
HEARD ISLAND AND MCDONALD ISLANDS	1421z	04Oct2023	1.6m
AURORA BANK	1502z	04Oct2023	0.9m

BANGLADESH

COXS BAZAR	0657z	04Oct2023	1.6m
KUTUBDIA ISLAND	0707z	04Oct2023	1.6m
BARGUNA	0736z	04Oct2023	1.8m
CHALNA	0802z	04Oct2023	1.4m

COMOROS

BAMBAO	1219z	04Oct2023	0.6m
CHEZANI	1224z	04Oct2023	0.8m
FOMBONI	1231z	04Oct2023	1.1m
DZAOUDZI	1333z	04Oct2023	0.7m

FRANCE

SAINT-DENIS	1130z	04Oct2023	0.6m
ILE SAINT-PAUL-NORTH	1132z	04Oct2023	1.0m
ILE SAINT-PAUL-SOUTH	1145z	04Oct2023	0.9m
ILE DE LA POSSESSION	1322z	04Oct2023	1.1m
NES CROZET	1329z	04Oct2023	0.9m
CROZET PLATEAU	1349z	04Oct2023	0.7m
ILE KERGUELEN	1358z	04Oct2023	0.6m

INDIA

CAR NICOBAR	0403z	04Oct2023	12.8m
KOMATRA AND KATCHAL ISLAND	0404z	04Oct2023	15.1m
INDIRA POINT	0408z	04Oct2023	12.7m
LITTLE ANDAMAN	0411z	04Oct2023	6.8m
NORTH SENTINEL ISLAND	0426z	04Oct2023	4.4m
PORT BLAIR	0433z	04Oct2023	3.7m
HAVELOCK	0449z	04Oct2023	4.0m
WEST AND LANDFALL ISLAND	0455z	04Oct2023	2.6m
BARREN ISLAND	0455z	04Oct2023	2.2m
FLAT ISLAND	0456z	04Oct2023	3.7m
RANGATH BAY	0500z	04Oct2023	3.8m
DIGLIPUR	0511z	04Oct2023	2.9m
NARCONDAM ISLAND	0543z	04Oct2023	1.7m
MARAKKANAM	0604z	04Oct2023	3.6m
CUDDALORE	0606z	04Oct2023	3.9m
PUDUCHERRY	0607z	04Oct2023	3.8m
ENNORE	0609z	04Oct2023	4.0m
KAKINADA	0610z	04Oct2023	3.7m

SRIHARIKOTA	0610z	04Oct2023	3.2m
MACHILIPATNAM	0611z	04Oct2023	3.1m
MAHABALIPURAM	0611z	04Oct2023	5.2m
POOMBUHAR	0612z	04Oct2023	3.9m
NAGAPATTINAM	0612z	04Oct2023	3.9m
PERUPALEM	0614z	04Oct2023	3.2m
NIJAMPATTANAM	0614z	04Oct2023	4.4m
CHENNAI	0614z	04Oct2023	4.1m
KARAIKAL	0616z	04Oct2023	3.8m
PURI	0617z	04Oct2023	2.7m
KOTTAPATNAM	0617z	04Oct2023	3.6m
MALLIPATTINAM	0617z	04Oct2023	4.8m
MUTHUPET	0618z	04Oct2023	4.2m
PARADIIP	0619z	04Oct2023	2.6m
KALINGAPATNAM	0619z	04Oct2023	3.4m
KONADA	0620z	04Oct2023	2.7m
VISAKHAPATNAM	0621z	04Oct2023	3.1m
GOPALPUR	0627z	04Oct2023	3.8m
JAMBOO	0632z	04Oct2023	2.0m
TUTICORIN	0645z	04Oct2023	2.2m
RAMESWARAM	0654z	04Oct2023	2.1m
KOTTTAIPPATTANAM	0654z	04Oct2023	2.7m
DHAMRA	0655z	04Oct2023	1.6m
HEMNAGAR	0703z	04Oct2023	1.6m
KOODANKULAM	0705z	04Oct2023	3.0m
NAMKHANA	0710z	04Oct2023	1.9m
CHANDIPUR	0712z	04Oct2023	1.9m
DIGHA	0714z	04Oct2023	1.6m
KANYAKUMARI	0716z	04Oct2023	4.0m
TRIVANDRUM	0720z	04Oct2023	2.6m
QUILON	0720z	04Oct2023	2.4m
ALLEPPEY ALAPPUZHA	0728z	04Oct2023	1.9m
MINICOY	0728z	04Oct2023	1.6m
ANDROTH	0739z	04Oct2023	1.1m
KAVARATTI	0751z	04Oct2023	1.2m
AMINI	0758z	04Oct2023	1.1m
VADANAPPALLY	0801z	04Oct2023	1.4m
AGATTI	0802z	04Oct2023	1.3m
COCHIN	0804z	04Oct2023	2.0m
VAKKAD	0808z	04Oct2023	1.4m
BEYPORE	0821z	04Oct2023	1.3m
KANNUR	0831z	04Oct2023	1.3m
MAHE	0832z	04Oct2023	0.8m
KASARAGOD	0835z	04Oct2023	1.2m
KARWAR	0926z	04Oct2023	0.9m
MALVAN BAY	0952z	04Oct2023	0.6m
VASCO	0957z	04Oct2023	0.7m
PANAJI	0958z	04Oct2023	0.8m
JAIGARH	1014z	04Oct2023	0.7m
UDUPI	1031z	04Oct2023	1.0m
MANGALORE	1100z	04Oct2023	1.1m
ALIBAG PORT	1459z	04Oct2023	0.5m

INDONESIA

NAD ACEH-BESAR PULAU BREUEH	0421z	04Oct2023	14.0m
NAD KOTA-SABANG PULAU RONDO	0423z	04Oct2023	3.5m
NAD KOTA-SABANG PULAU WEH	0426z	04Oct2023	7.7m
NAD ACEH-BESAR PULAU PENAS	0431z	04Oct2023	17.0m
NAD ACEH-BESAR BAGIAN BARAT	0434z	04Oct2023	16.3m
NAD ACEH-JAYA	0435z	04Oct2023	8.7m
NAD ACEH-BESAR BAGIAN UTARA	0437z	04Oct2023	5.7m
NAD SIMEULUE PULAU SIMEULUE	0439z	04Oct2023	4.3m
NAD KOTA-BANDA-ACEH	0443z	04Oct2023	18.1m
NAD PIDIE	0444z	04Oct2023	9.7m
SUMUT NIAS BAGIAN BARAT	0454z	04Oct2023	2.7m
NAD BIREUEN	0500z	04Oct2023	4.6m

SUMUT NIAS BAGIAN TIMUR	0502z	04Oct2023	2.5m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	0502z	04Oct2023	3.3m
SUMUT NIAS-SELATAN PULAU NIAS	0504z	04Oct2023	2.6m
NAD ACEH-BARAT	0506z	04Oct2023	7.0m
NAD NAGAN-RAYA	0506z	04Oct2023	7.5m
NAD ACEH-UTARA BAGIAN BARAT	0507z	04Oct2023	5.5m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0507z	04Oct2023	1.7m
NAD KOTA-LHOKSEUMAWA	0512z	04Oct2023	5.3m
NAD ACEH-SELATAN BAGIAN UTARA	0514z	04Oct2023	3.6m
SUMUT NIAS-SELATAN PULAU TANABALA	0522z	04Oct2023	1.7m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	0522z	04Oct2023	1.1m
NAD ACEH-BARAT-DAYA	0524z	04Oct2023	6.6m
NAD ACEH-UTARA BAGIAN TIMUR	0531z	04Oct2023	6.5m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0548z	04Oct2023	0.8m
NAD ACEH-SELATAN BAGIAN SELATAN	0552z	04Oct2023	4.2m
NAD ACEH-TIMUR	0554z	04Oct2023	4.8m
NAD ACEH-SINGKIL	0631z	04Oct2023	3.0m
SUMUT TAPANULI-TENGAH BAGIAN UTARA	0632z	04Oct2023	1.0m
SUMUT MANDAILING-NATAL BAGIAN UTARA	0654z	04Oct2023	1.4m
SUMUT TAPANULI-SELATAN	0707z	04Oct2023	1.8m
SUMUT TAPANULI-TENGAH KEP. MURSALA	0713z	04Oct2023	1.3m
NAD KOTA-LANGSA	0718z	04Oct2023	5.5m
NAD ACEH-TAMBIANG	0733z	04Oct2023	4.5m
LAMPUNG TANGGAMUS BAGIAN BARAT	0738z	04Oct2023	1.7m
SUMUT TAPANULI-TENGAH BAGIAN SELATAN	0743z	04Oct2023	1.3m
SUMBAR KOTA-PADANG BAGIAN UTARA	0802z	04Oct2023	1.5m
SUMUT LANGKAT	0818z	04Oct2023	2.7m
SUMUT NIAS-SELATAN PULAU PINI	0833z	04Oct2023	1.6m
SUMUT KOTA-MEDAN	0842z	04Oct2023	3.4m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0856z	04Oct2023	1.4m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0902z	04Oct2023	1.6m
SUMUT DELISERDANG	0903z	04Oct2023	1.3m
SUMUT SERDANG-BEDAGAI	0914z	04Oct2023	1.6m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0919z	04Oct2023	1.4m
LAMPUNG TANGGAMUS PULAU TABUAN	0919z	04Oct2023	0.6m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0920z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0923z	04Oct2023	1.2m
SUMBAR PASAMAN-BARAT	0940z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0947z	04Oct2023	1.4m
BENGKULU MUKOMUKO	0949z	04Oct2023	1.1m
BENGKULU SELUMA	0949z	04Oct2023	1.3m
BENGKULU KAUR	0949z	04Oct2023	1.2m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0949z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0952z	04Oct2023	1.3m
JABAR SUKABUMI PELABUHAN-RATU	1006z	04Oct2023	1.2m
BANTEN PANDEGLANG BAGIAN SELATAN	1006z	04Oct2023	1.0m
SUMUT KOTA-SIBOLGA	1008z	04Oct2023	1.9m
JABAR SUKABUMI UJUNG-GENTENG	1010z	04Oct2023	1.0m
SUMUT ASAHAN	1011z	04Oct2023	1.4m
SUMBAR KOTA-PADANG BAGIAN SELATAN	1014z	04Oct2023	1.1m
BANTEN PANDEGLANG PULAU PANAITAN	1019z	04Oct2023	0.7m
JABAR CIANJUR SINDANGBARANG	1022z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1037z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	1049z	04Oct2023	1.4m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	1123z	04Oct2023	0.8m
SUMBAR PESISIR-SELATAN BAGIAN UTARA	1125z	04Oct2023	0.7m
SUMUT MANDAILING-NATAL BAGIAN SELATAN	1126z	04Oct2023	1.4m
BANTEN LEBAK	1129z	04Oct2023	1.1m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	1131z	04Oct2023	0.7m
JATIM PACITAN	1135z	04Oct2023	0.8m
JABAR GARUT	1141z	04Oct2023	0.7m
SUMUT LABUHANBATU	1146z	04Oct2023	0.9m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	1147z	04Oct2023	0.7m
JATENG CILACAP	1148z	04Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN UTARA	1149z	04Oct2023	0.7m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1208z	04Oct2023	0.9m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	1210z	04Oct2023	0.7m
JATENG KEBUMEN	1211z	04Oct2023	0.8m

SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1221z	04Oct2023	0.9m
SUMBAR AGAM	1224z	04Oct2023	0.7m
JATENG PURWOREJO	1231z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	1231z	04Oct2023	0.6m
JABAR TASIKMALAYA	1236z	04Oct2023	0.8m
BANTEN SERANG BAGIAN BARAT	1255z	04Oct2023	0.6m
SUMBAR KOTA-PARIAMAN	1257z	04Oct2023	0.7m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	1257z	04Oct2023	0.6m
JATIM TRENGGALEK	1306z	04Oct2023	0.7m
NTB LOMBOK-BARAT BAGIAN SELATAN	1311z	04Oct2023	0.5m
BENGKULU BENGKULU-SELATAN	1335z	04Oct2023	1.2m
DIY GUNUNG-KIDUL	1347z	04Oct2023	0.7m
DIY BANTUL	1347z	04Oct2023	0.9m
NTB DOMPU BAGIAN SELATAN	1348z	04Oct2023	0.6m
DIY KULON-PROGO	1355z	04Oct2023	0.5m
JATIM BLITAR	1407z	04Oct2023	0.7m
JABAR CIAMIS	1414z	04Oct2023	0.9m
RIAU ROKAN-HILIR	1429z	04Oct2023	0.6m
NTB LOMBOK-TENGAH	1432z	04Oct2023	0.7m
NTB LOMBOK-TIMUR BAGIAN SELATAN	1432z	04Oct2023	0.6m
JATIM JEMBER	1443z	04Oct2023	0.5m
JATIM LUMAJANG	1447z	04Oct2023	0.7m
BANTEN KOTA-CILEGON PULAU SANGIA	1450z	04Oct2023	0.5m
JATENG WONOGIRI	1459z	04Oct2023	0.8m
JATIM TULUNGAGUNG	1502z	04Oct2023	0.5m
JATIM MALANG	1506z	04Oct2023	0.5m
BALI BADUNG PANTAI-KUTA	1515z	04Oct2023	0.5m
BANTEN KOTA-CILEGON	1520z	04Oct2023	0.5m
JATIM JEMBER PULAU NUSABARUNG	1542z	04Oct2023	0.5m

IRAN

PUSHT 1205z 04Oct2023 0.6m

KENYA

KIWAYU 1211z 04Oct2023 1.2m
KIPINI 1237z 04Oct2023 1.1m
MALINDI 1237z 04Oct2023 1.2m
TAKAUNGU 1239z 04Oct2023 1.4m
MVULENI 1239z 04Oct2023 1.2m
KISIMACHANDE 1241z 04Oct2023 1.3m

MADAGASCAR

VOHEMAR 1131z 04Oct2023 1.2m
ANOROTSANGANA 1151z 04Oct2023 0.7m
TAMPOLO 1203z 04Oct2023 0.8m
AMBAHY 1214z 04Oct2023 0.8m
FARAFAGANA 1215z 04Oct2023 1.3m
MANANTENINA 1227z 04Oct2023 0.8m
SAMPONA 1304z 04Oct2023 0.8m
TOAMASINA AIRPORT 1401z 04Oct2023 0.6m
GLORIOSO ISLANDS 1455z 04Oct2023 0.6m

MALAYSIA

SATUN 0728z 04Oct2023 2.4m
YAN 0729z 04Oct2023 1.6m
WEST OF ALOR SETAR 0739z 04Oct2023 1.6m
SEBERANG PERAI SELATAN 0759z 04Oct2023 2.6m
SEBERANG PERAI UTARA AND BARAT DAYA 0801z 04Oct2023 2.2m
KERIAN 0817z 04Oct2023 1.9m
LARUT AND MATANG 0825z 04Oct2023 1.9m

IOC Technical Series, 181 (I) Supplement 1
page 288

KUALA MUDA	0827z	04Oct2023	1.4m
MANJUNG	0838z	04Oct2023	1.9m
HILIR PERAK	0953z	04Oct2023	1.3m
SABAK BERNAM	1124z	04Oct2023	1.0m
KUALA SELANGOR	1220z	04Oct2023	0.7m

MALDIVES

MALE	0705z	04Oct2023	7.7m
KULHUDUFFUSHI	0707z	04Oct2023	4.5m
KOLHUFUSHI	0707z	04Oct2023	7.4m
DHIYAMIGILI	0708z	04Oct2023	9.5m
THINADHOO	0709z	04Oct2023	4.6m
HITHADHOO	0713z	04Oct2023	5.2m
GOIDHOO	0720z	04Oct2023	2.6m
NILANDHOO	0725z	04Oct2023	5.0m
FERIDHOO	0726z	04Oct2023	3.3m

MAURITIUS

LA FERME	0950z	04Oct2023	1.5m
CARGADOS CARAJOS	1021z	04Oct2023	1.7m
AGALEGA ISLAND	1024z	04Oct2023	0.8m
GRANDE REVIERE SUD EST-EAST	1039z	04Oct2023	1.3m
GRANDE REVIERE SUD EST-WEST	1207z	04Oct2023	0.7m

MOZAMBIQUE

MAGANJA	1245z	04Oct2023	1.1m
QUITERAJO	1300z	04Oct2023	0.7m
TAVARI	1302z	04Oct2023	0.5m
PEMBA	1302z	04Oct2023	0.7m
MERONVI	1305z	04Oct2023	0.9m
MECUFI	1308z	04Oct2023	1.0m
NANGATA	1309z	04Oct2023	0.8m
LURIO	1310z	04Oct2023	0.7m
MINHAUINE	1315z	04Oct2023	1.1m
MURREBUE	1515z	04Oct2023	0.6m

MYANMAR

PREPARIS ISLAND	0524z	04Oct2023	2.1m
LITTLE COCO ISLAND	0528z	04Oct2023	2.1m
THAN KYUN	0535z	04Oct2023	5.3m
GREAT WESTERN TORRES ISLAND	0536z	04Oct2023	2.2m
LORD LOUGHBOROUGH ISLAND	0538z	04Oct2023	3.9m
KYWEGYAUNG	0550z	04Oct2023	1.7m
CHEDUBA ISLAND	0559z	04Oct2023	1.7m
MAGYIGYAING	0601z	04Oct2023	2.4m
MAWYEN	0604z	04Oct2023	1.5m
KYAUKPYU	0621z	04Oct2023	1.6m
THAWINCHAUNG	0625z	04Oct2023	1.5m
SITTWE	0627z	04Oct2023	2.1m
PHARPON	0704z	04Oct2023	1.5m
MALI KYUN	0712z	04Oct2023	1.8m
YANGON-S	0735z	04Oct2023	1.3m
YE	0744z	04Oct2023	1.3m

OMAN

AD DUQM	1035z	04Oct2023	0.7m
HASIK	1057z	04Oct2023	0.9m
SALALAH	1058z	04Oct2023	1.1m

MIRBAT	1103z	04Oct2023	1.3m
AL ASHKHARAH	1109z	04Oct2023	0.9m
TAQAH	1109z	04Oct2023	1.2m
AL JAZER	1112z	04Oct2023	0.6m
QURAYYAT	1123z	04Oct2023	0.7m
RAS AR RUWAYS	1249z	04Oct2023	0.6m
SUR	1318z	04Oct2023	0.8m

PAKISTAN

ORMARA	1140z	04Oct2023	0.7m
KARACHI	1221z	04Oct2023	0.7m

SEYCHELLES

FREGATE ISLAND	1010z	04Oct2023	2.1m
COETIVY ISLAND	1018z	04Oct2023	1.8m
ILE DESROCHES	1043z	04Oct2023	1.2m
ALPHONSE ISLAND	1057z	04Oct2023	0.8m
TAKAMAKA	1108z	04Oct2023	2.1m
FARQUHAR GROUP	1112z	04Oct2023	1.0m
ALDABRA	1150z	04Oct2023	0.8m
ASTOVE ISLAND	1345z	04Oct2023	0.7m

SOMALIA

BANDER-BEYLA	1104z	04Oct2023	2.3m
EYL	1109z	04Oct2023	3.7m
TOOXIN	1110z	04Oct2023	2.5m
GALDOGOB	1114z	04Oct2023	2.7m
JARI IBAN	1116z	04Oct2023	2.9m
XARARDHEERE	1122z	04Oct2023	2.9m
CEEL DHEER	1123z	04Oct2023	2.8m
ITALA	1124z	04Oct2023	1.9m
MAREEG	1125z	04Oct2023	1.7m
ABO	1129z	04Oct2023	1.4m
UARSCIECH	1131z	04Oct2023	1.7m
MUQDISHO	1136z	04Oct2023	1.6m
BEYNAX BARRE	1143z	04Oct2023	2.0m
BARAAWE	1148z	04Oct2023	1.8m
JILIB	1157z	04Oct2023	1.8m
TURDHO	1159z	04Oct2023	1.9m
NE BEERNAASI	1202z	04Oct2023	1.9m
KAAMBOONI	1210z	04Oct2023	1.6m
QANDALA	1247z	04Oct2023	0.6m

SOUTH AFRICA

GWABALANDA HITAWI	1511z	04Oct2023	0.5m
ABORETUM	1528z	04Oct2023	0.5m
MARSHSTRAND	1537z	04Oct2023	0.5m
ZIKHOVA	1539z	04Oct2023	0.5m
PEDDIE	1546z	04Oct2023	0.5m

SRI LANKA

BATTICALOA	0538z	04Oct2023	9.0m
AKKARAI PATTU	0539z	04Oct2023	7.1m
KIRINDA	0542z	04Oct2023	9.5m
ANAITIVU	0545z	04Oct2023	3.9m
KATTANKUDI	0545z	04Oct2023	8.2m
PANKULAM	0545z	04Oct2023	5.6m
OKANDA	0546z	04Oct2023	11.5m

IOC Technical Series, 181 (I) Supplement 1
page 290

POTTUVIL	0547z	04Oct2023	9.6m
MULLAITTIVU	0550z	04Oct2023	6.7m
TANGALLE	0555z	04Oct2023	7.0m
MATARA	0557z	04Oct2023	7.8m
HAMBANTOTA	0559z	04Oct2023	9.5m
CHUNDIKKULAM	0605z	04Oct2023	4.2m
AMBALANGODA	0606z	04Oct2023	4.2m
GALLE	0606z	04Oct2023	6.6m
CHAVAKACHCHERI	0612z	04Oct2023	4.5m
POINT PEDRO	0613z	04Oct2023	4.6m
BERUWALA	0619z	04Oct2023	3.9m
COLOMBO	0620z	04Oct2023	3.3m
MORATUWA	0623z	04Oct2023	4.1m
NEGOMBO	0627z	04Oct2023	2.9m
MUNDAL LAKE	0632z	04Oct2023	2.9m
MANNAR ISLAND	0637z	04Oct2023	2.0m
MUSALI	0654z	04Oct2023	1.6m

TANZANIA

VUMBA	1233z	04Oct2023	0.8m
VUMBI	1234z	04Oct2023	0.8m
ZANZIBAR	1238z	04Oct2023	1.0m
JIMBO	1241z	04Oct2023	0.8m
GAZIJA	1243z	04Oct2023	1.0m
SONGO SONGO ISLAND	1244z	04Oct2023	0.9m
KUTANI	1246z	04Oct2023	1.1m
MADANGWA	1246z	04Oct2023	1.7m
RUVU	1247z	04Oct2023	0.9m
MSASANI	1254z	04Oct2023	0.6m
BOMALANDNI	1341z	04Oct2023	0.8m
WEST TO KONDE	1344z	04Oct2023	0.9m

THAILAND

THAI MUEANG	0532z	04Oct2023	8.6m
KO RACHA NOI	0539z	04Oct2023	5.4m
KOH SURIN TAI	0544z	04Oct2023	6.7m
KOH LANTA YAI	0615z	04Oct2023	2.5m
THAI MUEANG_TAKUA PA	0619z	04Oct2023	8.1m
KOH ROK	0620z	04Oct2023	2.5m
MUEANG SATUN	0625z	04Oct2023	2.4m
KOH TARUTAO	0739z	04Oct2023	3.5m

UNITED KINGDOM

MORESBY ISLAND	0734z	04Oct2023	4.2m
DIEGO GARCIA	0738z	04Oct2023	3.0m
NW EGMONT ISLAND	0757z	04Oct2023	2.3m

YEMEN

DAMQAWT	1101z	04Oct2023	1.2m
AL GHAYDAH AIRPORT	1108z	04Oct2023	1.3m
SOCOTRA ISLAND NORTH	1114z	04Oct2023	1.2m
SOCOTRA ISLAND SOUTH	1115z	04Oct2023	2.0m
HUSWAYN	1118z	04Oct2023	1.4m
SOCOTRA ISLAND WEST	1120z	04Oct2023	0.9m
ALQUMRAH	1144z	04Oct2023	0.9m
MASILAH WADI	1302z	04Oct2023	0.8m
HAMI	1309z	04Oct2023	0.5m
HARRAH	1314z	04Oct2023	0.5m
AL MUKALLA	1349z	04Oct2023	0.7m

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 IOTWMS-TSP INDONESIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (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://rtsp.bmkg.go.id/publicbull.php>

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E-Mail: inartsp@bmkg.go.id

monitrtwp@bmkg.go.id

END OF BULLETIN

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BULLETIN 6

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TSP-InaTEWS-20231004-0700-006

TSUNAMI BULLETIN NUMBER 6 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 0700 UTC, Oct 04, 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION (updated)

IOTWMS-TSP INDONESIA has detected an earthquake with the following details:

Magnitude : 9.0 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

2. EVALUATION

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

LOCATION	COUNTRIES	LAT	LON	TIME (UTC)	DATE	AMPL (m)
Campbell Bay	INDIA	7.00N	93.93E	0429z UTC	4 Oct 2023	6.0m
Sabang	INDONESIA	5.83N	95.33E	0430z UTC	4 Oct 2023	3.7m
Port Blair	INDIA	11.68N	92.76E	0439z UTC	4 Oct 2023	3.6m
DART 23227	INDIA	6.26N	88.79E	0441z UTC	4 Oct 2023	2.6m
Nancowry	INDIA	8.05N	93.55E	0508z UTC	4 Oct 2023	8.5m
Telukdalam	INDONESIA	0.55N	97.82E	0508z UTC	4 Oct 2023	2.0m
Meulaboh	INDONESIA	4.13N	96.13E	0514z UTC	4 Oct 2023	9.1m
DART 23218	INDIA	10.17N	88.50E	0516z UTC	4 Oct 2023	0.5m
Tanahbala	INDONESIA	0.53S	98.50E	0530z UTC	4 Oct 2023	1.1m
Ko Miang	THAILAND	8.55N	97.63E	0539z UTC	4 Oct 2023	3.3m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0541z UTC	4 Oct 2023	2.3m
Trincomalee	SRI LANKA	8.56N	81.20E	0547z UTC	4 Oct 2023	4.8m
Haing Gyi Kyun	MYANMAR	16.00N	94.32E	0611z UTC	4 Oct 2023	3.6m
Enggano	INDONESIA	5.35S	102.28E	0612z UTC	4 Oct 2023	0.9m
Padang	INDONESIA	0.95S	100.37E	0614z UTC	4 Oct 2023	0.8m
Chennai	INDIA	13.10N	80.30E	0620z UTC	4 Oct 2023	6.1m
Pulau Perak	MALAYSIA	5.68N	98.94E	0624z UTC	4 Oct 2023	2.5m
Cocos Island	AUSTRALIA	12.12S	96.89E	0626z UTC	4 Oct 2023	1.2m
Visakhapatnam	INDIA	17.68N	83.28E	0629z UTC	4 Oct 2023	4.0m
Colombo	SRI LANKA	6.95N	79.85E	0632z UTC	4 Oct 2023	4.0m
Seblat	INDONESIA	3.22S	101.60E	0634z UTC	4 Oct 2023	1.6m
Christmas Island	AUSTRALIA	10.43N	105.67E	0645z UTC	4 Oct 2023	1.4m
Sibolga	INDONESIA	1.73N	98.80E	0645z UTC	4 Oct 2023	2.8m
Sittwe	MYANMAR	20.15N	92.90E	0646z UTC	4 Oct 2023	2.2m

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

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone (or a different threshold

nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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	0628z	04Oct2023	1.3m
CHRISTMAS ISLAND	0959z	04Oct2023	1.1m
GASCOYNE COAST	1006z	04Oct2023	1.1m
LEEWIN COAST	1136z	04Oct2023	0.8m
PILBARA COAST WEST	1149z	04Oct2023	0.8m
NINGALOO COAST	1201z	04Oct2023	0.7m
GERALDTON COAST	1214z	04Oct2023	0.6m
PILBARA COAST EAST	1320z	04Oct2023	0.5m
BUNBURY GEOGRAPHE COAST	1412z	04Oct2023	0.6m
LANCELIN COAST	1414z	04Oct2023	0.7m
HEARD ISLAND AND MCDONALD ISLANDS	1421z	04Oct2023	1.6m
AURORA BANK	1502z	04Oct2023	0.9m

BANGLADESH

COXS BAZAR	0657z	04Oct2023	1.6m
KUTUBDIA ISLAND	0707z	04Oct2023	1.6m
BARGUNA	0736z	04Oct2023	1.8m
CHALNA	0802z	04Oct2023	1.4m

COMOROS

BAMBAO	1219z	04Oct2023	0.6m
CHEZANI	1224z	04Oct2023	0.8m
FOMBONI	1231z	04Oct2023	1.1m
DZAOUDZI	1333z	04Oct2023	0.7m

FRANCE

SAINT-DENIS	1130z	04Oct2023	0.6m
ILE SAINT-PAUL-NORTH	1132z	04Oct2023	1.0m
ILE SAINT-PAUL-SOUTH	1145z	04Oct2023	0.9m
ILE DE LA POSSESSION	1322z	04Oct2023	1.1m
NES CROZET	1329z	04Oct2023	0.9m
CROZET PLATEAU	1349z	04Oct2023	0.7m
ILE KERGUELEN	1358z	04Oct2023	0.6m

INDIA

CAR NICOBAR	0403z	04Oct2023	12.8m
KOMATRA AND KATCHAL ISLAND	0404z	04Oct2023	15.1m
INDIRA POINT	0408z	04Oct2023	12.7m
LITTLE ANDAMAN	0411z	04Oct2023	6.8m
NORTH SENTINEL ISLAND	0426z	04Oct2023	4.4m

PORT BLAIR	0433z	04Oct2023	3.7m
HAVELOCK	0449z	04Oct2023	4.0m
WEST AND LANDFALL ISLAND	0455z	04Oct2023	2.6m
BARREN ISLAND	0455z	04Oct2023	2.2m
FLAT ISLAND	0456z	04Oct2023	3.7m
RANGATH BAY	0500z	04Oct2023	3.8m
DIGLIPUR	0511z	04Oct2023	2.9m
NARCONDAM ISLAND	0543z	04Oct2023	1.7m
MARAKKANAM	0604z	04Oct2023	3.6m
CUDDALORE	0606z	04Oct2023	3.9m
PUDUCHERRY	0607z	04Oct2023	3.8m
ENNORE	0609z	04Oct2023	4.0m
KAKINADA	0610z	04Oct2023	3.7m
SRIHARIKOTA	0610z	04Oct2023	3.2m
MACHILIPATNAM	0611z	04Oct2023	3.1m
MAHABALIPURAM	0611z	04Oct2023	5.2m
POOMBUHAR	0612z	04Oct2023	3.9m
NAGAPATTINAM	0612z	04Oct2023	3.9m
PERUPALEM	0614z	04Oct2023	3.2m
NIJAMPATTANAM	0614z	04Oct2023	4.4m
CHENNAI	0614z	04Oct2023	4.1m
KARAIKAL	0616z	04Oct2023	3.8m
PURI	0617z	04Oct2023	2.7m
KOTTAPATNAM	0617z	04Oct2023	3.6m
MALLIPATTINAM	0617z	04Oct2023	4.8m
MUTHUPET	0618z	04Oct2023	4.2m
PARADIP	0619z	04Oct2023	2.6m
KALINGAPATNAM	0619z	04Oct2023	3.4m
KONADA	0620z	04Oct2023	2.7m
VISAKHAPATNAM	0621z	04Oct2023	3.1m
GOPALPUR	0627z	04Oct2023	3.8m
JAMBOO	0632z	04Oct2023	2.0m
TUTICORIN	0645z	04Oct2023	2.2m
RAMESWARAM	0654z	04Oct2023	2.1m
KOTTTAIPPATTANAM	0654z	04Oct2023	2.7m
DHAMRA	0655z	04Oct2023	1.6m
HEMNAGAR	0703z	04Oct2023	1.6m
KOODANKULAM	0705z	04Oct2023	3.0m
NAMKHANA	0710z	04Oct2023	1.9m
CHANDIPUR	0712z	04Oct2023	1.9m
DIGHA	0714z	04Oct2023	1.6m
KANYAKUMARI	0716z	04Oct2023	4.0m
TRIVANDRUM	0720z	04Oct2023	2.6m
QUILON	0720z	04Oct2023	2.4m
ALLEPPEY ALAPPUZHA	0728z	04Oct2023	1.9m
MINICOY	0728z	04Oct2023	1.6m
ANDROTH	0739z	04Oct2023	1.1m
KAVARATTI	0751z	04Oct2023	1.2m
AMINI	0758z	04Oct2023	1.1m
VADANAPPALLY	0801z	04Oct2023	1.4m
AGATTI	0802z	04Oct2023	1.3m
COCHIN	0804z	04Oct2023	2.0m
VAKKAD	0808z	04Oct2023	1.4m
BEYPORE	0821z	04Oct2023	1.3m
KANNUR	0831z	04Oct2023	1.3m
MAHE	0832z	04Oct2023	0.8m
KASARAGOD	0835z	04Oct2023	1.2m
KARWAR	0926z	04Oct2023	0.9m
MALVAN BAY	0952z	04Oct2023	0.6m
VASCO	0957z	04Oct2023	0.7m
PANAJI	0958z	04Oct2023	0.8m
JAIGARH	1014z	04Oct2023	0.7m
UDUPI	1031z	04Oct2023	1.0m
MANGALORE	1100z	04Oct2023	1.1m
ALIBAG PORT	1459z	04Oct2023	0.5m

INDONESIA

NAD ACEH-BESAR PULAU BREUEH	0421z	04Oct2023	14.0m
NAD KOTA-SABANG PULAU RONDO	0423z	04Oct2023	3.5m
NAD KOTA-SABANG PULAU WEH	0426z	04Oct2023	7.7m
NAD ACEH-BESAR PULAU PENAS	0431z	04Oct2023	17.0m
NAD ACEH-BESAR BAGIAN BARAT	0434z	04Oct2023	16.3m
NAD ACEH-JAYA	0435z	04Oct2023	8.7m
NAD ACEH-BESAR BAGIAN UTARA	0437z	04Oct2023	5.7m
NAD SIMEULUE PULAU SIMEULUE	0439z	04Oct2023	4.3m
NAD KOTA-BANDA-ACEH	0443z	04Oct2023	18.1m
NAD PIDIE	0444z	04Oct2023	9.7m
SUMUT NIAS BAGIAN BARAT	0454z	04Oct2023	2.7m
NAD BIREUEN	0500z	04Oct2023	4.6m
SUMUT NIAS BAGIAN TIMUR	0502z	04Oct2023	2.5m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	0502z	04Oct2023	3.3m
SUMUT NIAS-SELATAN PULAU NIAS	0504z	04Oct2023	2.6m
NAD ACEH-BARAT	0506z	04Oct2023	7.0m
NAD NAGAN-RAYA	0506z	04Oct2023	7.5m
NAD ACEH-UTARA BAGIAN BARAT	0507z	04Oct2023	5.5m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0507z	04Oct2023	1.7m
NAD KOTA-LHOKSEUMAWA	0512z	04Oct2023	5.3m
NAD ACEH-SELATAN BAGIAN UTARA	0514z	04Oct2023	3.6m
SUMUT NIAS-SELATAN PULAU TANABALA	0522z	04Oct2023	1.7m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	0522z	04Oct2023	1.1m
NAD ACEH-BARAT-DAYA	0524z	04Oct2023	6.6m
NAD ACEH-UTARA BAGIAN TIMUR	0531z	04Oct2023	6.5m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0548z	04Oct2023	0.8m
NAD ACEH-SELATAN BAGIAN SELATAN	0552z	04Oct2023	4.2m
NAD ACEH-TIMUR	0554z	04Oct2023	4.8m
NAD ACEH-SINGKIL	0631z	04Oct2023	3.0m
SUMUT TAPANULI-TENGAH BAGIAN UTARA	0632z	04Oct2023	1.0m
SUMUT MANDAILING-NATAL BAGIAN UTARA	0654z	04Oct2023	1.4m
SUMUT TAPANULI-SELATAN	0707z	04Oct2023	1.8m
SUMUT TAPANULI-TENGAH KEP. MURSALA	0713z	04Oct2023	1.3m
NAD KOTA-LANGSA	0718z	04Oct2023	5.5m
NAD ACEH-TAMBIANG	0733z	04Oct2023	4.5m
LAMPUNG TANGGAMUS BAGIAN BARAT	0738z	04Oct2023	1.7m
SUMUT TAPANULI-TENGAH BAGIAN SELATAN	0743z	04Oct2023	1.3m
SUMBAR KOTA-PADANG BAGIAN UTARA	0802z	04Oct2023	1.5m
SUMUT LANGKAT	0818z	04Oct2023	2.7m
SUMUT NIAS-SELATAN PULAU PINI	0833z	04Oct2023	1.6m
SUMUT KOTA-MEDAN	0842z	04Oct2023	3.4m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0856z	04Oct2023	1.4m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0902z	04Oct2023	1.6m
SUMUT DELISERDANG	0903z	04Oct2023	1.3m
SUMUT SERDANG-BEDAGAI	0914z	04Oct2023	1.6m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0919z	04Oct2023	1.4m
LAMPUNG TANGGAMUS PULAU TABUAN	0919z	04Oct2023	0.6m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0920z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0923z	04Oct2023	1.2m
SUMBAR PASAMAN-BARAT	0940z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0947z	04Oct2023	1.4m
BENGKULU MUKOMUKO	0949z	04Oct2023	1.1m
BENGKULU SELUMA	0949z	04Oct2023	1.3m
BENGKULU KAUR	0949z	04Oct2023	1.2m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0949z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0952z	04Oct2023	1.3m
JABAR SUKABUMI PELABUHAN-RATU	1006z	04Oct2023	1.2m
BANTEN PANDEGLANG BAGIAN SELATAN	1006z	04Oct2023	1.0m
SUMUT KOTA-SIBOLGA	1008z	04Oct2023	1.9m
JABAR SUKABUMI UJUNG-GENTENG	1010z	04Oct2023	1.0m
SUMUT ASAHAN	1011z	04Oct2023	1.4m
SUMBAR KOTA-PADANG BAGIAN SELATAN	1014z	04Oct2023	1.1m
BANTEN PANDEGLANG PULAU PANAITAN	1019z	04Oct2023	0.7m
JABAR CIANJUR SINDANGBARANG	1022z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1037z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	1049z	04Oct2023	1.4m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	1123z	04Oct2023	0.8m

IOC Technical Series, 181 (I) Supplement 1
page 296

SUMBAR PESISIR-SELATAN BAGIAN UTARA	1125z	04Oct2023	0.7m
SUMUT MANDAILING-NATAL BAGIAN SELATAN	1126z	04Oct2023	1.4m
BANTEN LEBAK	1129z	04Oct2023	1.1m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	1131z	04Oct2023	0.7m
JATIM PACITAN	1135z	04Oct2023	0.8m
JABAR GARUT	1141z	04Oct2023	0.7m
SUMUT LABUHANBATU	1146z	04Oct2023	0.9m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	1147z	04Oct2023	0.7m
JATENG CILACAP	1148z	04Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN UTARA	1149z	04Oct2023	0.7m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1208z	04Oct2023	0.9m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	1210z	04Oct2023	0.7m
JATENG KEBUMEN	1211z	04Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1221z	04Oct2023	0.9m
SUMBAR AGAM	1224z	04Oct2023	0.7m
JATENG PURWOREJO	1231z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	1231z	04Oct2023	0.6m
JABAR TASIKMALAYA	1236z	04Oct2023	0.8m
BANTEN SERANG BAGIAN BARAT	1255z	04Oct2023	0.6m
SUMBAR KOTA-PARIAMAN	1257z	04Oct2023	0.7m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	1257z	04Oct2023	0.6m
JATIM TRENGGALEK	1306z	04Oct2023	0.7m
NTB LOMBOK-BARAT BAGIAN SELATAN	1311z	04Oct2023	0.5m
BENGKULU BENGKULU-SELATAN	1335z	04Oct2023	1.2m
DIY GUNUNG-KIDUL	1347z	04Oct2023	0.7m
DIY BANTUL	1347z	04Oct2023	0.9m
NTB DOMPU BAGIAN SELATAN	1348z	04Oct2023	0.6m
DIY KULON-PROGO	1355z	04Oct2023	0.5m
JATIM BLITAR	1407z	04Oct2023	0.7m
JABAR CIAMIS	1414z	04Oct2023	0.9m
RIAU ROKAN-HILIR	1429z	04Oct2023	0.6m
NTB LOMBOK-TENGAH	1432z	04Oct2023	0.7m
NTB LOMBOK-TIMUR BAGIAN SELATAN	1432z	04Oct2023	0.6m
JATIM JEMBER	1443z	04Oct2023	0.5m
JATIM LUMAJANG	1447z	04Oct2023	0.7m
BANTEN KOTA-CILEGON PULAU SANGIA	1450z	04Oct2023	0.5m
JATENG WONOGIRI	1459z	04Oct2023	0.8m
JATIM TULUNGAGUNG	1502z	04Oct2023	0.5m
JATIM MALANG	1506z	04Oct2023	0.5m
BALI BADUNG PANTAI-KUTA	1515z	04Oct2023	0.5m
BANTEN KOTA-CILEGON	1520z	04Oct2023	0.5m
JATIM JEMBER PULAU NUSABARUNG	1542z	04Oct2023	0.5m

IRAN

PUSHT 1205z 04Oct2023 0.6m

KENYA

KIWAYU 1211z 04Oct2023 1.2m
KIPINI 1237z 04Oct2023 1.1m
MALINDI 1237z 04Oct2023 1.2m
TAKAUNGU 1239z 04Oct2023 1.4m
MVULENI 1239z 04Oct2023 1.2m
KISIMACHANDE 1241z 04Oct2023 1.3m

MADAGASCAR

VOHEMAR 1131z 04Oct2023 1.2m
ANOROTSANGANA 1151z 04Oct2023 0.7m
TAMPOLO 1203z 04Oct2023 0.8m
AMBAHY 1214z 04Oct2023 0.8m
FARAFAGANA 1215z 04Oct2023 1.3m
MANANTENINA 1227z 04Oct2023 0.8m
SAMPONA 1304z 04Oct2023 0.8m

TOAMASINA AIRPORT	1401z	04Oct2023	0.6m
GLORIOSO ISLANDS	1455z	04Oct2023	0.6m

MALAYSIA

SATUN	0728z	04Oct2023	2.4m
YAN	0729z	04Oct2023	1.6m
WEST OF ALOR SETAR	0739z	04Oct2023	1.6m
SEBERANG PERAI SELATAN	0759z	04Oct2023	2.6m
SEBERANG PERAI UTARA AND BARAT DAYA	0801z	04Oct2023	2.2m
KERIAN	0817z	04Oct2023	1.9m
LARUT AND MATANG	0825z	04Oct2023	1.9m
KUALA MUDA	0827z	04Oct2023	1.4m
MANJUNG	0838z	04Oct2023	1.9m
HILIR PERAK	0953z	04Oct2023	1.3m
SABAK BERNAM	1124z	04Oct2023	1.0m
KUALA SELANGOR	1220z	04Oct2023	0.7m

MALDIVES

MALE	0705z	04Oct2023	7.7m
KULHUDUFFUSHI	0707z	04Oct2023	4.5m
KOLHUFUSHI	0707z	04Oct2023	7.4m
DHIYAMIGILI	0708z	04Oct2023	9.5m
THINADHOO	0709z	04Oct2023	4.6m
HITHADHOO	0713z	04Oct2023	5.2m
GOIDHOO	0720z	04Oct2023	2.6m
NILANDHOO	0725z	04Oct2023	5.0m
FERIDHOO	0726z	04Oct2023	3.3m

MAURITIUS

LA FERME	0950z	04Oct2023	1.5m
CARGADOS CARAJOS	1021z	04Oct2023	1.7m
AGALEGA ISLAND	1024z	04Oct2023	0.8m
GRANDE REVIERE SUD EST-EAST	1039z	04Oct2023	1.3m
GRANDE REVIERE SUD EST-WEST	1207z	04Oct2023	0.7m

MOZAMBIQUE

MAGANJA	1245z	04Oct2023	1.1m
QUITERAJO	1300z	04Oct2023	0.7m
TAVARI	1302z	04Oct2023	0.5m
PEMBA	1302z	04Oct2023	0.7m
MERONVI	1305z	04Oct2023	0.9m
MECUFI	1308z	04Oct2023	1.0m
NANGATA	1309z	04Oct2023	0.8m
LURIO	1310z	04Oct2023	0.7m
MINHAUINE	1315z	04Oct2023	1.1m
MURREBUE	1515z	04Oct2023	0.6m

MYANMAR

PREPARIS ISLAND	0524z	04Oct2023	2.1m
LITTLE COCO ISLAND	0528z	04Oct2023	2.1m
THAN KYUN	0535z	04Oct2023	5.3m
GREAT WESTERN TORRES ISLAND	0536z	04Oct2023	2.2m
LORD LOUGHBOROUGH ISLAND	0538z	04Oct2023	3.9m
KYWEGYAUNG	0550z	04Oct2023	1.7m
CHEDUBA ISLAND	0559z	04Oct2023	1.7m
MAGYIGYAING	0601z	04Oct2023	2.4m
MAWYEN	0604z	04Oct2023	1.5m
KYAUKPYU	0621z	04Oct2023	1.6m

IOC Technical Series, 181 (I) Supplement 1
page 298

THAWINCHAUNG	0625z	04Oct2023	1.5m
SITTWE	0627z	04Oct2023	2.1m
PHARPON	0704z	04Oct2023	1.5m
MALI KYUN	0712z	04Oct2023	1.8m
YANGON-S	0735z	04Oct2023	1.3m
YE	0744z	04Oct2023	1.3m

OMAN

AD DUQM	1035z	04Oct2023	0.7m
HASIK	1057z	04Oct2023	0.9m
SALALAH	1058z	04Oct2023	1.1m
MIRBAT	1103z	04Oct2023	1.3m
AL ASHKHARAH	1109z	04Oct2023	0.9m
TAQAH	1109z	04Oct2023	1.2m
AL JAZER	1112z	04Oct2023	0.6m
QURAYYAT	1123z	04Oct2023	0.7m
RAS AR RUWAYS	1249z	04Oct2023	0.6m
SUR	1318z	04Oct2023	0.8m

PAKISTAN

ORMARA	1140z	04Oct2023	0.7m
KARACHI	1221z	04Oct2023	0.7m

SEYCHELLES

FREGATE ISLAND	1010z	04Oct2023	2.1m
COETIVY ISLAND	1018z	04Oct2023	1.8m
ILE DESROCHES	1043z	04Oct2023	1.2m
ALPHONSE ISLAND	1057z	04Oct2023	0.8m
TAKAMAKA	1108z	04Oct2023	2.1m
FARQUHAR GROUP	1112z	04Oct2023	1.0m
ALDABRA	1150z	04Oct2023	0.8m
ASTOVE ISLAND	1345z	04Oct2023	0.7m

SOMALIA

BANDER-BEYLA	1104z	04Oct2023	2.3m
EYL	1109z	04Oct2023	3.7m
TOOXIN	1110z	04Oct2023	2.5m
GALDOGOB	1114z	04Oct2023	2.7m
JARIIBAN	1116z	04Oct2023	2.9m
XARARDHEERE	1122z	04Oct2023	2.9m
CEEL DHEER	1123z	04Oct2023	2.8m
ITALA	1124z	04Oct2023	1.9m
MAREEG	1125z	04Oct2023	1.7m
ABO	1129z	04Oct2023	1.4m
UARSCIECH	1131z	04Oct2023	1.7m
MUQDISHO	1136z	04Oct2023	1.6m
BEYNAX BARRE	1143z	04Oct2023	2.0m
BARAAWE	1148z	04Oct2023	1.8m
JILIB	1157z	04Oct2023	1.8m
TURDHO	1159z	04Oct2023	1.9m
NE BEERNAASI	1202z	04Oct2023	1.9m
KAAMBOONI	1210z	04Oct2023	1.6m
QANDALA	1247z	04Oct2023	0.6m

SOUTH AFRICA

GWABALANDA HITAWI	1511z	04Oct2023	0.5m
ABORETUM	1528z	04Oct2023	0.5m
MARSHSTRAND	1537z	04Oct2023	0.5m

ZIKHOVA	1539z	04Oct2023	0.5m
PEDDIE	1546z	04Oct2023	0.5m

SRI LANKA

BATTICALOA	0538z	04Oct2023	9.0m
AKKARAI PATTU	0539z	04Oct2023	7.1m
KIRINDA	0542z	04Oct2023	9.5m
ANAITIVU	0545z	04Oct2023	3.9m
KATTANKUDI	0545z	04Oct2023	8.2m
PANKULAM	0545z	04Oct2023	5.6m
OKANDA	0546z	04Oct2023	11.5m
POTTUVIL	0547z	04Oct2023	9.6m
MULLAITTIVU	0550z	04Oct2023	6.7m
TANGALLE	0555z	04Oct2023	7.0m
MATARA	0557z	04Oct2023	7.8m
HAMBANTOTA	0559z	04Oct2023	9.5m
CHUNDIKKULAM	0605z	04Oct2023	4.2m
AMBALANGODA	0606z	04Oct2023	4.2m
GALLE	0606z	04Oct2023	6.6m
CHAVAKACHCHERI	0612z	04Oct2023	4.5m
POINT PEDRO	0613z	04Oct2023	4.6m
BERUWALA	0619z	04Oct2023	3.9m
COLOMBO	0620z	04Oct2023	3.3m
MORATUWA	0623z	04Oct2023	4.1m
NEGOMBO	0627z	04Oct2023	2.9m
MUNDAL LAKE	0632z	04Oct2023	2.9m
MANNAR ISLAND	0637z	04Oct2023	2.0m
MUSALI	0654z	04Oct2023	1.6m

TANZANIA

VUMBA	1233z	04Oct2023	0.8m
VUMBI	1234z	04Oct2023	0.8m
ZANZIBAR	1238z	04Oct2023	1.0m
JIMBO	1241z	04Oct2023	0.8m
GAZIJA	1243z	04Oct2023	1.0m
SONGO SONGO ISLAND	1244z	04Oct2023	0.9m
KUTANI	1246z	04Oct2023	1.1m
MADANGWA	1246z	04Oct2023	1.7m
RUVU	1247z	04Oct2023	0.9m
MSASANI	1254z	04Oct2023	0.6m
BOMALANDNI	1341z	04Oct2023	0.8m
WEST TO KONDE	1344z	04Oct2023	0.9m

THAILAND

THAI MUEANG	0532z	04Oct2023	8.6m
KO RACHA NOI	0539z	04Oct2023	5.4m
KOH SURIN TAI	0544z	04Oct2023	6.7m
KOH LANTA YAI	0615z	04Oct2023	2.5m
THAI MUEANG_TAKUA PA	0619z	04Oct2023	8.1m
KOH ROK	0620z	04Oct2023	2.5m
MUEANG SATUN	0625z	04Oct2023	2.4m
KOH TARUTAO	0739z	04Oct2023	3.5m

UNITED KINGDOM

MORESBY ISLAND	0734z	04Oct2023	4.2m
DIEGO GARCIA	0738z	04Oct2023	3.0m
NW EGMONT ISLAND	0757z	04Oct2023	2.3m

YEMEN

DAMQAWT	1101z	04Oct2023	1.2m
AL GHAYDAH AIRPORT	1108z	04Oct2023	1.3m
SOCOTRA ISLAND NORTH	1114z	04Oct2023	1.2m
SOCOTRA ISLAND SOUTH	1115z	04Oct2023	2.0m
HUSWAYN	1118z	04Oct2023	1.4m
SOCOTRA ISLAND WEST	1120z	04Oct2023	0.9m
ALQUMRAH	1144z	04Oct2023	0.9m
MASILAH WADI	1302z	04Oct2023	0.8m
HAMI	1309z	04Oct2023	0.5m
HARRAH	1314z	04Oct2023	0.5m
AL MUKALLA	1349z	04Oct2023	0.7m

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 IOTWMS-TSP INDONESIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (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://rtsp.bmkg.go.id/publicbull.php>

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END OF BULLETIN

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BULLETIN 7

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TSP-InaTEWS-20231004-0800-007

TSUNAMI BULLETIN NUMBER 7 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 0800 UTC, Oct 04, 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION (updated)

IOTWMS-TSP INDONESIA has detected an earthquake with the following details:

Magnitude : 9.0 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

2. EVALUATION

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

LOCATION	COUNTRIES	LAT	LON	TIME (UTC)	DATE	AMPL (m)
Campbell Bay	INDIA	7.00N	93.93E	0429z UTC	4 Oct 2023	6.0m
Sabang	INDONESIA	5.83N	95.33E	0430z UTC	4 Oct 2023	3.7m
Port Blair	INDIA	11.68N	92.76E	0439z UTC	4 Oct 2023	3.6m
DART 23227	INDIA	6.26N	88.79E	0441z UTC	4 Oct 2023	2.6m
Nancowry	INDIA	8.05N	93.55E	0508z UTC	4 Oct 2023	8.5m
Telukdalam	INDONESIA	0.55N	97.82E	0508z UTC	4 Oct 2023	2.0m
Meulaboh	INDONESIA	4.13N	96.13E	0514z UTC	4 Oct 2023	9.1m
DART 23218	INDIA	10.17N	88.50E	0516z UTC	4 Oct 2023	0.5m
Tanahbala	INDONESIA	0.53S	98.50E	0530z UTC	4 Oct 2023	1.1m
Ko Miang	THAILAND	8.55N	97.63E	0539z UTC	4 Oct 2023	3.3m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0541z UTC	4 Oct 2023	2.3m
Trincomalee	SRI LANKA	8.56N	81.20E	0547z UTC	4 Oct 2023	4.8m
Haing Gyi Kyun	MYANMAR	16.00N	94.32E	0611z UTC	4 Oct 2023	3.6m
Enggano	INDONESIA	5.35S	102.28E	0612z UTC	4 Oct 2023	0.9m
Padang	INDONESIA	0.95S	100.37E	0614z UTC	4 Oct 2023	0.8m
Chennai	INDIA	13.10N	80.30E	0620z UTC	4 Oct 2023	6.1m
Pulau Perak	MALAYSIA	5.68N	98.94E	0624z UTC	4 Oct 2023	2.5m
Cocos Island	AUSTRALIA	12.12S	96.89E	0626z UTC	4 Oct 2023	1.2m
Visakhapatnam	INDIA	17.68N	83.28E	0629z UTC	4 Oct 2023	4.0m
Colombo	SRI LANKA	6.95N	79.85E	0632z UTC	4 Oct 2023	4.0m
Seblat	INDONESIA	3.22S	101.60E	0634z UTC	4 Oct 2023	1.6m
Christmas Island	AUSTRALIA	10.43N	105.67E	0645z UTC	4 Oct 2023	1.4m
Sibolga	INDONESIA	1.73N	98.80E	0645z UTC	4 Oct 2023	2.8m
Sittwe	MYANMAR	20.15N	92.90E	0646z UTC	4 Oct 2023	2.2m
Gan	MALDIVE	0.69S	73.15E	0712z UTC	4 Oct 2023	5.6m
Hanimadhoo	MALDIVE	6.77N	73.17E	0718z UTC	4 Oct 2023	4.6m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0719z UTC	4 Oct 2023	0.8m
DART 23223	INDIA	17.33N	89.48E	0721z UTC	4 Oct 2023	0.5m
Kirinda	SRI LANKA	6.20N	81.32E	0721z UTC	4 Oct 2023	4.5m
Minicoy	INDIA	8.28N	73.05E	0724z UTC	4 Oct 2023	2.0m
Sebesi Island	INDONESIA	5.94S	105.51E	0726z UTC	4 Oct 2023	0.7m
Langkawi	MALAYSIA	6.42N	99.77E	0728z UTC	4 Oct 2023	1.1m
Marina Jambu	INDONESIA	6.19S	105.84E	0729z UTC	4 Oct 2023	0.8m

Porto Malai	MALAYSIA	6.26N	99.73E	0730z	UTC	4 Oct 2023	4.4m
Pangandaran	INDONESIA	7.75S	108.50E	0736z	UTC	4 Oct 2023	0.9m
Diego Garcia	UK	7.29S	72.39E	0739z	UTC	4 Oct 2023	3.1m
Cilacap	INDONESIA	7.75S	109.00E	0741z	UTC	4 Oct 2023	1.3m
Sadeng	INDONESIA	8.19S	110.80E	0747z	UTC	4 Oct 2023	0.9m
Pacitan	INDONESIA	8.27S	111.37E	0754z	UTC	4 Oct 2023	0.9m
Prigi	INDONESIA	8.28S	111.73E	0758z	UTC	4 Oct 2023	0.8m

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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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	0628z	04Oct2023	1.3m
CHRISTMAS ISLAND	0959z	04Oct2023	1.1m
GASCOYNE COAST	1006z	04Oct2023	1.1m
LEEUVIN COAST	1136z	04Oct2023	0.8m
PILBARA COAST WEST	1149z	04Oct2023	0.8m
NINGALOO COAST	1201z	04Oct2023	0.7m
GERALDTON COAST	1214z	04Oct2023	0.6m
PILBARA COAST EAST	1320z	04Oct2023	0.5m
BUNBURY GEOGRAPHE COAST	1412z	04Oct2023	0.6m
LANCELIN COAST	1414z	04Oct2023	0.7m
HEARD ISLAND AND MCDONALD ISLANDS	1421z	04Oct2023	1.6m
AURORA BANK	1502z	04Oct2023	0.9m

BANGLADESH

COXS BAZAR	0657z	04Oct2023	1.6m
KUTUBDIA ISLAND	0707z	04Oct2023	1.6m
BARGUNA	0736z	04Oct2023	1.8m
CHALNA	0802z	04Oct2023	1.4m

COMOROS

BAMBAO	1219z	04Oct2023	0.6m
CHEZANI	1224z	04Oct2023	0.8m
FOMBONI	1231z	04Oct2023	1.1m
DZAOUDZI	1333z	04Oct2023	0.7m

FRANCE

SAINT-DENIS	1130z	04Oct2023	0.6m
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ILE SAINT-PAUL-NORTH	1132z	04Oct2023	1.0m
ILE SAINT-PAUL-SOUTH	1145z	04Oct2023	0.9m
ILE DE LA POSSESSION	1322z	04Oct2023	1.1m
NES CROZET	1329z	04Oct2023	0.9m
CROZET PLATEAU	1349z	04Oct2023	0.7m
ILE KERGUELEN	1358z	04Oct2023	0.6m

INDIA

CAR NICOBAR	0403z	04Oct2023	12.8m
KOMATRA AND KATCHAL ISLAND	0404z	04Oct2023	15.1m
INDIRA POINT	0408z	04Oct2023	12.7m
LITTLE ANDAMAN	0411z	04Oct2023	6.8m
NORTH SENTINEL ISLAND	0426z	04Oct2023	4.4m
PORT BLAIR	0433z	04Oct2023	3.7m
HAVELOCK	0449z	04Oct2023	4.0m
WEST AND LANDFALL ISLAND	0455z	04Oct2023	2.6m
BARREN ISLAND	0455z	04Oct2023	2.2m
FLAT ISLAND	0456z	04Oct2023	3.7m
RANGATH BAY	0500z	04Oct2023	3.8m
DIGLIPUR	0511z	04Oct2023	2.9m
NARCONDAM ISLAND	0543z	04Oct2023	1.7m
MARAKKANAM	0604z	04Oct2023	3.6m
CUDDALORE	0606z	04Oct2023	3.9m
PUDUCHERRY	0607z	04Oct2023	3.8m
ENNORE	0609z	04Oct2023	4.0m
KAKINADA	0610z	04Oct2023	3.7m
SRIHARIKOTA	0610z	04Oct2023	3.2m
MACHILIPATNAM	0611z	04Oct2023	3.1m
MAHABALIPURAM	0611z	04Oct2023	5.2m
POOMBUHAR	0612z	04Oct2023	3.9m
NAGAPATTINAM	0612z	04Oct2023	3.9m
PERUPALEM	0614z	04Oct2023	3.2m
NIJAMPATTANAM	0614z	04Oct2023	4.4m
CHENNAI	0614z	04Oct2023	4.1m
KARAIKAL	0616z	04Oct2023	3.8m
PURI	0617z	04Oct2023	2.7m
KOTTAPATNAM	0617z	04Oct2023	3.6m
MALLIPATTINAM	0617z	04Oct2023	4.8m
MUTHUPET	0618z	04Oct2023	4.2m
PARADIP	0619z	04Oct2023	2.6m
KALINGAPATNAM	0619z	04Oct2023	3.4m
KONADA	0620z	04Oct2023	2.7m
VISAKHAPATNAM	0621z	04Oct2023	3.1m
GOPALPUR	0627z	04Oct2023	3.8m
JAMBOO	0632z	04Oct2023	2.0m
TUTICORIN	0645z	04Oct2023	2.2m
RAMESWARAM	0654z	04Oct2023	2.1m
KOTTAIPPATTANAM	0654z	04Oct2023	2.7m
DHAMRA	0655z	04Oct2023	1.6m
HEMNAGAR	0703z	04Oct2023	1.6m
KOODANKULAM	0705z	04Oct2023	3.0m
NAMKHANA	0710z	04Oct2023	1.9m
CHANDIPUR	0712z	04Oct2023	1.9m
DIGHA	0714z	04Oct2023	1.6m
KANYAKUMARI	0716z	04Oct2023	4.0m
TRIVANDRUM	0720z	04Oct2023	2.6m
QUILON	0720z	04Oct2023	2.4m
ALLEPPEY ALAPPUZHA	0728z	04Oct2023	1.9m
MINICOY	0728z	04Oct2023	1.6m
ANDROTH	0739z	04Oct2023	1.1m
KAVARATTI	0751z	04Oct2023	1.2m
AMINI	0758z	04Oct2023	1.1m
VADANAPPALLY	0801z	04Oct2023	1.4m
AGATTI	0802z	04Oct2023	1.3m
COCHIN	0804z	04Oct2023	2.0m
VAKKAD	0808z	04Oct2023	1.4m

BEYPORE	0821z	04Oct2023	1.3m
KANNUR	0831z	04Oct2023	1.3m
MAHE	0832z	04Oct2023	0.8m
KASARAGOD	0835z	04Oct2023	1.2m
KARWAR	0926z	04Oct2023	0.9m
MALVAN BAY	0952z	04Oct2023	0.6m
VASCO	0957z	04Oct2023	0.7m
PANAJI	0958z	04Oct2023	0.8m
JAIGARH	1014z	04Oct2023	0.7m
UDUPI	1031z	04Oct2023	1.0m
MANGALORE	1100z	04Oct2023	1.1m
ALIBAG PORT	1459z	04Oct2023	0.5m

INDONESIA

NAD ACEH-BESAR PULAU BREUEH	0421z	04Oct2023	14.0m
NAD KOTA-SABANG PULAU RONDO	0423z	04Oct2023	3.5m
NAD KOTA-SABANG PULAU WEH	0426z	04Oct2023	7.7m
NAD ACEH-BESAR PULAU PENAS	0431z	04Oct2023	17.0m
NAD ACEH-BESAR BAGIAN BARAT	0434z	04Oct2023	16.3m
NAD ACEH-JAYA	0435z	04Oct2023	8.7m
NAD ACEH-BESAR BAGIAN UTARA	0437z	04Oct2023	5.7m
NAD SIMEULUE PULAU SIMEULUE	0439z	04Oct2023	4.3m
NAD KOTA-BANDA-ACEH	0443z	04Oct2023	18.1m
NAD PIDIE	0444z	04Oct2023	9.7m
SUMUT NIAS BAGIAN BARAT	0454z	04Oct2023	2.7m
NAD BIREUEN	0500z	04Oct2023	4.6m
SUMUT NIAS BAGIAN TIMUR	0502z	04Oct2023	2.5m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	0502z	04Oct2023	3.3m
SUMUT NIAS-SELATAN PULAU NIAS	0504z	04Oct2023	2.6m
NAD ACEH-BARAT	0506z	04Oct2023	7.0m
NAD NAGAN-RAYA	0506z	04Oct2023	7.5m
NAD ACEH-UTARA BAGIAN BARAT	0507z	04Oct2023	5.5m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0507z	04Oct2023	1.7m
NAD KOTA-LHOKSEUMAWA	0512z	04Oct2023	5.3m
NAD ACEH-SELATAN BAGIAN UTARA	0514z	04Oct2023	3.6m
SUMUT NIAS-SELATAN PULAU TANABALA	0522z	04Oct2023	1.7m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	0522z	04Oct2023	1.1m
NAD ACEH-BARAT-DAYA	0524z	04Oct2023	6.6m
NAD ACEH-UTARA BAGIAN TIMUR	0531z	04Oct2023	6.5m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0548z	04Oct2023	0.8m
NAD ACEH-SELATAN BAGIAN SELATAN	0552z	04Oct2023	4.2m
NAD ACEH-TIMUR	0554z	04Oct2023	4.8m
NAD ACEH-SINGKIL	0631z	04Oct2023	3.0m
SUMUT TAPANULI-TENGAH BAGIAN UTARA	0632z	04Oct2023	1.0m
SUMUT MANDAILING-NATAL BAGIAN UTARA	0654z	04Oct2023	1.4m
SUMUT TAPANULI-SELATAN	0707z	04Oct2023	1.8m
SUMUT TAPANULI-TENGAH KEP. MURSALA	0713z	04Oct2023	1.3m
NAD KOTA-LANGSA	0718z	04Oct2023	5.5m
NAD ACEH-TAMIANG	0733z	04Oct2023	4.5m
LAMPUNG TANGGAMUS BAGIAN BARAT	0738z	04Oct2023	1.7m
SUMUT TAPANULI-TENGAH BAGIAN SELATAN	0743z	04Oct2023	1.3m
SUMBAR KOTA-PADANG BAGIAN UTARA	0802z	04Oct2023	1.5m
SUMUT LANGKAT	0818z	04Oct2023	2.7m
SUMUT NIAS-SELATAN PULAU PINI	0833z	04Oct2023	1.6m
SUMUT KOTA-MEDAN	0842z	04Oct2023	3.4m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0856z	04Oct2023	1.4m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0902z	04Oct2023	1.6m
SUMUT DELISERDANG	0903z	04Oct2023	1.3m
SUMUT SERDANG-BEDAGAI	0914z	04Oct2023	1.6m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0919z	04Oct2023	1.4m
LAMPUNG TANGGAMUS PULAU TABUAN	0919z	04Oct2023	0.6m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0920z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0923z	04Oct2023	1.2m
SUMBAR PASAMAN-BARAT	0940z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0947z	04Oct2023	1.4m
BENGKULU MUKOMUKO	0949z	04Oct2023	1.1m

BENGKULU SELUMA	0949z	04Oct2023	1.3m
BENGKULU KAUR	0949z	04Oct2023	1.2m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0949z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0952z	04Oct2023	1.3m
JABAR SUKABUMI PELABUHAN-RATU	1006z	04Oct2023	1.2m
BANTEN PANDEGLANG BAGIAN SELATAN	1006z	04Oct2023	1.0m
SUMUT KOTA-SIBOLGA	1008z	04Oct2023	1.9m
JABAR SUKABUMI UJUNG-GENTENG	1010z	04Oct2023	1.0m
SUMUT ASAHAN	1011z	04Oct2023	1.4m
SUMBAR KOTA-PADANG BAGIAN SELATAN	1014z	04Oct2023	1.1m
BANTEN PANDEGLANG PULAU PANAITAN	1019z	04Oct2023	0.7m
JABAR CIANJUR SINDANGBARANG	1022z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1037z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	1049z	04Oct2023	1.4m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	1123z	04Oct2023	0.8m
SUMBAR PESISIR-SELATAN BAGIAN UTARA	1125z	04Oct2023	0.7m
SUMUT MANDAILING-NATAL BAGIAN SELATAN	1126z	04Oct2023	1.4m
BANTEN LEBAK	1129z	04Oct2023	1.1m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	1131z	04Oct2023	0.7m
JATIM PACITAN	1135z	04Oct2023	0.8m
JABAR GARUT	1141z	04Oct2023	0.7m
SUMUT LABUHANBATU	1146z	04Oct2023	0.9m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	1147z	04Oct2023	0.7m
JATENG CILACAP	1148z	04Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN UTARA	1149z	04Oct2023	0.7m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1208z	04Oct2023	0.9m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	1210z	04Oct2023	0.7m
JATENG KEBUMEN	1211z	04Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1221z	04Oct2023	0.9m
SUMBAR AGAM	1224z	04Oct2023	0.7m
JATENG PURWOREJO	1231z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	1231z	04Oct2023	0.6m
JABAR TASIKMALAYA	1236z	04Oct2023	0.8m
BANTEN SERANG BAGIAN BARAT	1255z	04Oct2023	0.6m
SUMBAR KOTA-PARIAMAN	1257z	04Oct2023	0.7m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	1257z	04Oct2023	0.6m
JATIM TRENGGALEK	1306z	04Oct2023	0.7m
NTB LOMBOK-BARAT BAGIAN SELATAN	1311z	04Oct2023	0.5m
BENGKULU BENGKULU-SELATAN	1335z	04Oct2023	1.2m
DIY GUNUNG-KIDUL	1347z	04Oct2023	0.7m
DIY BANTUL	1347z	04Oct2023	0.9m
NTB DOMPU BAGIAN SELATAN	1348z	04Oct2023	0.6m
DIY KULON-PROGO	1355z	04Oct2023	0.5m
JATIM BLITAR	1407z	04Oct2023	0.7m
JABAR CIAMIS	1414z	04Oct2023	0.9m
RIAU ROKAN-HILIR	1429z	04Oct2023	0.6m
NTB LOMBOK-TENGAH	1432z	04Oct2023	0.7m
NTB LOMBOK-TIMUR BAGIAN SELATAN	1432z	04Oct2023	0.6m
JATIM JEMBER	1443z	04Oct2023	0.5m
JATIM LUMAJANG	1447z	04Oct2023	0.7m
BANTEN KOTA-CILEGON PULAU SANGIA	1450z	04Oct2023	0.5m
JATENG WONOGIRI	1459z	04Oct2023	0.8m
JATIM TULUNGAGUNG	1502z	04Oct2023	0.5m
JATIM MALANG	1506z	04Oct2023	0.5m
BALI BADUNG PANTAI-KUTA	1515z	04Oct2023	0.5m
BANTEN KOTA-CILEGON	1520z	04Oct2023	0.5m
JATIM JEMBER PULAU NUSABARUNG	1542z	04Oct2023	0.5m

IRAN

PUSHT 1205z 04Oct2023 0.6m

KENYA

KIWAYU 1211z 04Oct2023 1.2m
KIPINI 1237z 04Oct2023 1.1m

IOC Technical Series, 181 (I) Supplement 1
page 306

MALINDI	1237z	04Oct2023	1.2m
TAKAUNGU	1239z	04Oct2023	1.4m
MVULENI	1239z	04Oct2023	1.2m
KISIMACHANDE	1241z	04Oct2023	1.3m

MADAGASCAR

VOHEMAR	1131z	04Oct2023	1.2m
ANOROTSANGANA	1151z	04Oct2023	0.7m
TAMPOLO	1203z	04Oct2023	0.8m
AMBAHY	1214z	04Oct2023	0.8m
FARAFAGANA	1215z	04Oct2023	1.3m
MANANTENINA	1227z	04Oct2023	0.8m
SAMPONA	1304z	04Oct2023	0.8m
TOAMASINA AIRPORT	1401z	04Oct2023	0.6m
GLORIOSO ISLANDS	1455z	04Oct2023	0.6m

MALAYSIA

SATUN	0728z	04Oct2023	2.4m
YAN	0729z	04Oct2023	1.6m
WEST OF ALOR SETAR	0739z	04Oct2023	1.6m
SEBERANG PERAI SELATAN	0759z	04Oct2023	2.6m
SEBERANG PERAI UTARA AND BARAT DAYA	0801z	04Oct2023	2.2m
KERIAN	0817z	04Oct2023	1.9m
LARUT AND MATANG	0825z	04Oct2023	1.9m
KUALA MUDA	0827z	04Oct2023	1.4m
MANJUNG	0838z	04Oct2023	1.9m
HILIR PERAK	0953z	04Oct2023	1.3m
SABAK BERNAM	1124z	04Oct2023	1.0m
KUALA SELANGOR	1220z	04Oct2023	0.7m

MALDIVES

MALE	0705z	04Oct2023	7.7m
KULHUDUFFUSHI	0707z	04Oct2023	4.5m
KOLHUFUSHI	0707z	04Oct2023	7.4m
DHIYAMIGILI	0708z	04Oct2023	9.5m
THINADHOO	0709z	04Oct2023	4.6m
HITHADHOO	0713z	04Oct2023	5.2m
GOIDHOO	0720z	04Oct2023	2.6m
NILANDHOO	0725z	04Oct2023	5.0m
FERIDHOO	0726z	04Oct2023	3.3m

MAURITIUS

LA FERME	0950z	04Oct2023	1.5m
CARGADOS CARAJOS	1021z	04Oct2023	1.7m
AGALEGA ISLAND	1024z	04Oct2023	0.8m
GRANDE REVIERE SUD EST-EAST	1039z	04Oct2023	1.3m
GRANDE REVIERE SUD EST-WEST	1207z	04Oct2023	0.7m

MOZAMBIQUE

MAGANJA	1245z	04Oct2023	1.1m
QUITERAJO	1300z	04Oct2023	0.7m
TAVARI	1302z	04Oct2023	0.5m
PEMBA	1302z	04Oct2023	0.7m
MERONVI	1305z	04Oct2023	0.9m
MECUFI	1308z	04Oct2023	1.0m
NANGATA	1309z	04Oct2023	0.8m
LURIO	1310z	04Oct2023	0.7m
MINHAUINE	1315z	04Oct2023	1.1m

MURREBUE 1515z 04Oct2023 0.6m

MYANMAR

PREPARIS ISLAND 0524z 04Oct2023 2.1m
 LITTLE COCO ISLAND 0528z 04Oct2023 2.1m
 THAN KYUN 0535z 04Oct2023 5.3m
 GREAT WESTERN TORRES ISLAND 0536z 04Oct2023 2.2m
 LORD LOUGHBOROUGH ISLAND 0538z 04Oct2023 3.9m
 KYWEGYAUNG 0550z 04Oct2023 1.7m
 CHEDUBA ISLAND 0559z 04Oct2023 1.7m
 MAGYIGYAING 0601z 04Oct2023 2.4m
 MAWYEN 0604z 04Oct2023 1.5m
 KYAUKPYU 0621z 04Oct2023 1.6m
 THAWINCHAUNG 0625z 04Oct2023 1.5m
 SITTWE 0627z 04Oct2023 2.1m
 PHARPON 0704z 04Oct2023 1.5m
 MALI KYUN 0712z 04Oct2023 1.8m
 YANGON-S 0735z 04Oct2023 1.3m
 YE 0744z 04Oct2023 1.3m

OMAN

AD DUQM 1035z 04Oct2023 0.7m
 HASIK 1057z 04Oct2023 0.9m
 SALALAH 1058z 04Oct2023 1.1m
 MIRBAT 1103z 04Oct2023 1.3m
 AL ASHKHARAH 1109z 04Oct2023 0.9m
 TAQAH 1109z 04Oct2023 1.2m
 AL JAZER 1112z 04Oct2023 0.6m
 QURAYYAT 1123z 04Oct2023 0.7m
 RAS AR RUWAYS 1249z 04Oct2023 0.6m
 SUR 1318z 04Oct2023 0.8m

PAKISTAN

ORMARA 1140z 04Oct2023 0.7m
 KARACHI 1221z 04Oct2023 0.7m

SEYCHELLES

FREGATE ISLAND 1010z 04Oct2023 2.1m
 COETIVY ISLAND 1018z 04Oct2023 1.8m
 ILE DESROCHES 1043z 04Oct2023 1.2m
 ALPHONSE ISLAND 1057z 04Oct2023 0.8m
 TAKAMAKA 1108z 04Oct2023 2.1m
 FARQUHAR GROUP 1112z 04Oct2023 1.0m
 ALDABRA 1150z 04Oct2023 0.8m
 ASTOVE ISLAND 1345z 04Oct2023 0.7m

SOMALIA

BANDER-BEYLA 1104z 04Oct2023 2.3m
 EYL 1109z 04Oct2023 3.7m
 TOOXIN 1110z 04Oct2023 2.5m
 GALDOGOB 1114z 04Oct2023 2.7m
 JARIIBAN 1116z 04Oct2023 2.9m
 XARARDHEERE 1122z 04Oct2023 2.9m
 CEEL DHEER 1123z 04Oct2023 2.8m
 ITALA 1124z 04Oct2023 1.9m
 MAREEG 1125z 04Oct2023 1.7m
 ABO 1129z 04Oct2023 1.4m
 UARSCIECH 1131z 04Oct2023 1.7m

IOC Technical Series, 181 (I) Supplement 1
page 308

MUQDISHO	1136z	04Oct2023	1.6m
BEYNAX BARRE	1143z	04Oct2023	2.0m
BARAAWE	1148z	04Oct2023	1.8m
JILIB	1157z	04Oct2023	1.8m
TURDHO	1159z	04Oct2023	1.9m
NE BEERNAASI	1202z	04Oct2023	1.9m
KAAMBOONI	1210z	04Oct2023	1.6m
QANDALA	1247z	04Oct2023	0.6m

SOUTH AFRICA

GWABALANDA HITAWI	1511z	04Oct2023	0.5m
ABORETUM	1528z	04Oct2023	0.5m
MARSHSTRAND	1537z	04Oct2023	0.5m
ZIKHOVA	1539z	04Oct2023	0.5m
PEDDIE	1546z	04Oct2023	0.5m

SRI LANKA

BATTICALOA	0538z	04Oct2023	9.0m
AKKARAI PATTU	0539z	04Oct2023	7.1m
KIRINDA	0542z	04Oct2023	9.5m
ANAITIVU	0545z	04Oct2023	3.9m
KATTANKUDI	0545z	04Oct2023	8.2m
PANKULAM	0545z	04Oct2023	5.6m
OKANDA	0546z	04Oct2023	11.5m
POTTUVIL	0547z	04Oct2023	9.6m
MULLAITTIVU	0550z	04Oct2023	6.7m
TANGALLE	0555z	04Oct2023	7.0m
MATARA	0557z	04Oct2023	7.8m
HAMBANTOTA	0559z	04Oct2023	9.5m
CHUNDIKKULAM	0605z	04Oct2023	4.2m
AMBALANGODA	0606z	04Oct2023	4.2m
GALLE	0606z	04Oct2023	6.6m
CHAVAKACHCHERI	0612z	04Oct2023	4.5m
POINT PEDRO	0613z	04Oct2023	4.6m
BERUWALA	0619z	04Oct2023	3.9m
COLOMBO	0620z	04Oct2023	3.3m
MORATUWA	0623z	04Oct2023	4.1m
NEGOMBO	0627z	04Oct2023	2.9m
MUNDAL LAKE	0632z	04Oct2023	2.9m
MANNAR ISLAND	0637z	04Oct2023	2.0m
MUSALI	0654z	04Oct2023	1.6m

TANZANIA

VUMBA	1233z	04Oct2023	0.8m
VUMBI	1234z	04Oct2023	0.8m
ZANZIBAR	1238z	04Oct2023	1.0m
JIMBO	1241z	04Oct2023	0.8m
GAZIJA	1243z	04Oct2023	1.0m
SONGO SONGO ISLAND	1244z	04Oct2023	0.9m
KUTANI	1246z	04Oct2023	1.1m
MADANGWA	1246z	04Oct2023	1.7m
RUVU	1247z	04Oct2023	0.9m
MSASANI	1254z	04Oct2023	0.6m
BOMALANDNI	1341z	04Oct2023	0.8m
WEST TO KONDE	1344z	04Oct2023	0.9m

THAILAND

THAI MUEANG	0532z	04Oct2023	8.6m
KO RACHA NOI	0539z	04Oct2023	5.4m
KOH SURIN TAI	0544z	04Oct2023	6.7m

KOH LANTA YAI	0615z	04Oct2023	2.5m
THAI MUEANG_TAKUA PA	0619z	04Oct2023	8.1m
KOH ROK	0620z	04Oct2023	2.5m
MUEANG SATUN	0625z	04Oct2023	2.4m
KOH TARUTAO	0739z	04Oct2023	3.5m

UNITED KINGDOM

MORESBY ISLAND	0734z	04Oct2023	4.2m
DIEGO GARCIA	0738z	04Oct2023	3.0m
NW EGMONT ISLAND	0757z	04Oct2023	2.3m

YEMEN

DAMQAWT	1101z	04Oct2023	1.2m
AL GHAYDAH AIRPORT	1108z	04Oct2023	1.3m
SOCOTRA ISLAND NORTH	1114z	04Oct2023	1.2m
SOCOTRA ISLAND SOUTH	1115z	04Oct2023	2.0m
HUSWAYN	1118z	04Oct2023	1.4m
SOCOTRA ISLAND WEST	1120z	04Oct2023	0.9m
ALQUMRAH	1144z	04Oct2023	0.9m
MASILLAH WADI	1302z	04Oct2023	0.8m
HAMI	1309z	04Oct2023	0.5m
HARRAH	1314z	04Oct2023	0.5m
AL MUKALLA	1349z	04Oct2023	0.7m

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 IOTWMS-TSP INDONESIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (BMKG)

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END OF BULLETIN

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BULLETIN 8

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
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TSP-InaTEWS-20231004-0900-008

TSUNAMI BULLETIN NUMBER 8 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 0900 UTC, Oct 04, 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION (updated)

IOTWMS-TSP INDONESIA has detected an earthquake with the following details:

Magnitude : 9.0 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

2. EVALUATION

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

LOCATION	COUNTRIES	LAT	LON	TIME (UTC)	DATE	AMPL (m)
Campbell Bay	INDIA	7.00N	93.93E	0429z UTC	4 Oct 2023	6.0m
Sabang	INDONESIA	5.83N	95.33E	0430z UTC	4 Oct 2023	3.7m
Port Blair	INDIA	11.68N	92.76E	0439z UTC	4 Oct 2023	3.6m
DART 23227	INDIA	6.26N	88.79E	0441z UTC	4 Oct 2023	2.6m
Nancowry	INDIA	8.05N	93.55E	0508z UTC	4 Oct 2023	8.5m
Telukdalam	INDONESIA	0.55N	97.82E	0508z UTC	4 Oct 2023	2.0m
Meulaboh	INDONESIA	4.13N	96.13E	0514z UTC	4 Oct 2023	9.1m
DART 23218	INDIA	10.17N	88.50E	0516z UTC	4 Oct 2023	0.5m
Tanahbala	INDONESIA	0.53S	98.50E	0530z UTC	4 Oct 2023	1.1m
Ko Miang	THAILAND	8.55N	97.63E	0539z UTC	4 Oct 2023	3.3m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0541z UTC	4 Oct 2023	2.3m
Trincomalee	SRI LANKA	8.56N	81.20E	0547z UTC	4 Oct 2023	4.8m
Haing Gyi Kyun	MYANMAR	16.00N	94.32E	0611z UTC	4 Oct 2023	3.6m
Enggano	INDONESIA	5.35S	102.28E	0612z UTC	4 Oct 2023	0.9m
Padang	INDONESIA	0.95S	100.37E	0614z UTC	4 Oct 2023	0.8m
Chennai	INDIA	13.10N	80.30E	0620z UTC	4 Oct 2023	6.1m
Pulau Perak	MALAYSIA	5.68N	98.94E	0624z UTC	4 Oct 2023	2.5m
Cocos Island	AUSTRALIA	12.12S	96.89E	0626z UTC	4 Oct 2023	1.2m
Visakhapatnam	INDIA	17.68N	83.28E	0629z UTC	4 Oct 2023	4.0m
Colombo	SRI LANKA	6.95N	79.85E	0632z UTC	4 Oct 2023	4.0m
Seblat	INDONESIA	3.22S	101.60E	0634z UTC	4 Oct 2023	1.6m
Christmas Island	AUSTRALIA	10.43N	105.67E	0645z UTC	4 Oct 2023	1.4m
Sibolga	INDONESIA	1.73N	98.80E	0645z UTC	4 Oct 2023	2.8m
Sittwe	MYANMAR	20.15N	92.90E	0646z UTC	4 Oct 2023	2.2m
Gan	MALDIVE	0.69S	73.15E	0712z UTC	4 Oct 2023	5.6m
Hanimadhoo	MALDIVE	6.77N	73.17E	0718z UTC	4 Oct 2023	4.6m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0719z UTC	4 Oct 2023	0.8m
DART 23223	INDIA	17.33N	89.48E	0721z UTC	4 Oct 2023	0.5m
Kirinda	SRI LANKA	6.20N	81.32E	0721z UTC	4 Oct 2023	4.5m
Minicoy	INDIA	8.28N	73.05E	0724z UTC	4 Oct 2023	2.0m
Sebesi Island	INDONESIA	5.94S	105.51E	0726z UTC	4 Oct 2023	0.7m
Langkawi	MALAYSIA	6.42N	99.77E	0728z UTC	4 Oct 2023	1.1m

Marina Jambu	INDONESIA	6.19S	105.84E	0729z	UTC	4 Oct 2023	0.8m
Porto Malai	MALAYSIA	6.26N	99.73E	0730z	UTC	4 Oct 2023	4.4m
Pangandaran	INDONESIA	7.75S	108.50E	0736z	UTC	4 Oct 2023	0.9m
Diego Garcia	UK	7.29S	72.39E	0739z	UTC	4 Oct 2023	3.1m
Cilacap	INDONESIA	7.75S	109.00E	0741z	UTC	4 Oct 2023	1.3m
Sadeng	INDONESIA	8.19S	110.80E	0747z	UTC	4 Oct 2023	0.9m
Pacitan	INDONESIA	8.27S	111.37E	0754z	UTC	4 Oct 2023	0.9m
Prigi	INDONESIA	8.28S	111.73E	0758z	UTC	4 Oct 2023	0.8m
Popoh	INDONESIA	8.26S	111.80E	0800z	UTC	4 Oct 2023	0.8m
Cuddalore	INDIA	11.71N	79.78E	0801z	UTC	4 Oct 2023	4.3m
Cochin	INDIA	9.96N	76.26E	0817z	UTC	4 Oct 2023	2.4m
Benoa	INDONESIA	8.77S	115.22E	0831z	UTC	4 Oct 2023	0.4m
Lembar	INDONESIA	8.73S	116.07E	0854z	UTC	4 Oct 2023	0.3m
Muncar Banyuwangi	INDONESIA	8.44S	114.35E	0855z	UTC	4 Oct 2023	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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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	0628z	04Oct2023	1.3m
CHRISTMAS ISLAND	0959z	04Oct2023	1.1m
GASCOYNE COAST	1006z	04Oct2023	1.1m
LEEWIN COAST	1136z	04Oct2023	0.8m
PILBARA COAST WEST	1149z	04Oct2023	0.8m
NINGALOO COAST	1201z	04Oct2023	0.7m
GERALDTON COAST	1214z	04Oct2023	0.6m
PILBARA COAST EAST	1320z	04Oct2023	0.5m
BUNBURY GEOGRAPHE COAST	1412z	04Oct2023	0.6m
LANCELIN COAST	1414z	04Oct2023	0.7m
HEARD ISLAND AND MCDONALD ISLANDS	1421z	04Oct2023	1.6m
AURORA BANK	1502z	04Oct2023	0.9m

BANGLADESH

COXS BAZAR	0657z	04Oct2023	1.6m
KUTUBDIA ISLAND	0707z	04Oct2023	1.6m
BARGUNA	0736z	04Oct2023	1.8m
CHALNA	0802z	04Oct2023	1.4m

COMOROS

BAMBAAO	1219z	04Oct2023	0.6m
CHEZANI	1224z	04Oct2023	0.8m

IOC Technical Series, 181 (I) Supplement 1
page 312

FOMBONI	1231z	04Oct2023	1.1m
DZAOUDZI	1333z	04Oct2023	0.7m

FRANCE

SAINT-DENIS	1130z	04Oct2023	0.6m
ILE SAINT-PAUL-NORTH	1132z	04Oct2023	1.0m
ILE SAINT-PAUL-SOUTH	1145z	04Oct2023	0.9m
ILE DE LA POSSESSION	1322z	04Oct2023	1.1m
NES CROZET	1329z	04Oct2023	0.9m
CROZET PLATEAU	1349z	04Oct2023	0.7m
ILE KERGUELEN	1358z	04Oct2023	0.6m

INDIA

CAR NICOBAR	0403z	04Oct2023	12.8m
KOMATRA AND KATCHAL ISLAND	0404z	04Oct2023	15.1m
INDIRA POINT	0408z	04Oct2023	12.7m
LITTLE ANDAMAN	0411z	04Oct2023	6.8m
NORTH SENTINEL ISLAND	0426z	04Oct2023	4.4m
PORT BLAIR	0433z	04Oct2023	3.7m
HAVELOCK	0449z	04Oct2023	4.0m
WEST AND LANDFALL ISLAND	0455z	04Oct2023	2.6m
BARREN ISLAND	0455z	04Oct2023	2.2m
FLAT ISLAND	0456z	04Oct2023	3.7m
RANGATH BAY	0500z	04Oct2023	3.8m
DIGLIPUR	0511z	04Oct2023	2.9m
NARCONDAM ISLAND	0543z	04Oct2023	1.7m
MARAKKANAM	0604z	04Oct2023	3.6m
CUDDALORE	0606z	04Oct2023	3.9m
PUDUCHERRY	0607z	04Oct2023	3.8m
ENNORE	0609z	04Oct2023	4.0m
KAKINADA	0610z	04Oct2023	3.7m
SRIHARIKOTA	0610z	04Oct2023	3.2m
MACHILIPATNAM	0611z	04Oct2023	3.1m
MAHABALIPURAM	0611z	04Oct2023	5.2m
POOMBUHAR	0612z	04Oct2023	3.9m
NAGAPATTINAM	0612z	04Oct2023	3.9m
PERUPALEM	0614z	04Oct2023	3.2m
NIJAMPATTANAM	0614z	04Oct2023	4.4m
CHENNAI	0614z	04Oct2023	4.1m
KARAIKAL	0616z	04Oct2023	3.8m
PURI	0617z	04Oct2023	2.7m
KOTTAPATNAM	0617z	04Oct2023	3.6m
MALLIPATTINAM	0617z	04Oct2023	4.8m
MUTHUPET	0618z	04Oct2023	4.2m
PARADIP	0619z	04Oct2023	2.6m
KALINGAPATNAM	0619z	04Oct2023	3.4m
KONADA	0620z	04Oct2023	2.7m
VISAKHAPATNAM	0621z	04Oct2023	3.1m
GOPALPUR	0627z	04Oct2023	3.8m
JAMBOO	0632z	04Oct2023	2.0m
TUTICORIN	0645z	04Oct2023	2.2m
RAMESWARAM	0654z	04Oct2023	2.1m
KOTTAIPPATTANAM	0654z	04Oct2023	2.7m
DHAMRA	0655z	04Oct2023	1.6m
HEMNAGAR	0703z	04Oct2023	1.6m
KOODANKULAM	0705z	04Oct2023	3.0m
NAMKHANA	0710z	04Oct2023	1.9m
CHANDIPUR	0712z	04Oct2023	1.9m
DIGHA	0714z	04Oct2023	1.6m
KANYAKUMARI	0716z	04Oct2023	4.0m
TRIVANDRUM	0720z	04Oct2023	2.6m
QUILON	0720z	04Oct2023	2.4m
ALLEPPEY ALAPPUZHA	0728z	04Oct2023	1.9m
MINICOY	0728z	04Oct2023	1.6m

ANDROTH	0739z	04Oct2023	1.1m
KAVARATTI	0751z	04Oct2023	1.2m
AMINI	0758z	04Oct2023	1.1m
VADANAPPALLY	0801z	04Oct2023	1.4m
AGATTI	0802z	04Oct2023	1.3m
COCHIN	0804z	04Oct2023	2.0m
VAKKAD	0808z	04Oct2023	1.4m
BEYPORE	0821z	04Oct2023	1.3m
KANNUR	0831z	04Oct2023	1.3m
MAHE	0832z	04Oct2023	0.8m
KASARAGOD	0835z	04Oct2023	1.2m
KARWAR	0926z	04Oct2023	0.9m
MALVAN BAY	0952z	04Oct2023	0.6m
VASCO	0957z	04Oct2023	0.7m
PANAJI	0958z	04Oct2023	0.8m
JAIGARH	1014z	04Oct2023	0.7m
UDUPI	1031z	04Oct2023	1.0m
MANGALORE	1100z	04Oct2023	1.1m
ALIBAG PORT	1459z	04Oct2023	0.5m

INDONESIA

NAD ACEH-BESAR PULAU BREUEH	0421z	04Oct2023	14.0m
NAD KOTA-SABANG PULAU RONDO	0423z	04Oct2023	3.5m
NAD KOTA-SABANG PULAU WEH	0426z	04Oct2023	7.7m
NAD ACEH-BESAR PULAU PENAS	0431z	04Oct2023	17.0m
NAD ACEH-BESAR BAGIAN BARAT	0434z	04Oct2023	16.3m
NAD ACEH-JAYA	0435z	04Oct2023	8.7m
NAD ACEH-BESAR BAGIAN UTARA	0437z	04Oct2023	5.7m
NAD SIMEULUE PULAU SIMEULUE	0439z	04Oct2023	4.3m
NAD KOTA-BANDA-ACEH	0443z	04Oct2023	18.1m
NAD PIDIE	0444z	04Oct2023	9.7m
SUMUT NIAS BAGIAN BARAT	0454z	04Oct2023	2.7m
NAD BIREUEN	0500z	04Oct2023	4.6m
SUMUT NIAS BAGIAN TIMUR	0502z	04Oct2023	2.5m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	0502z	04Oct2023	3.3m
SUMUT NIAS-SELATAN PULAU NIAS	0504z	04Oct2023	2.6m
NAD ACEH-BARAT	0506z	04Oct2023	7.0m
NAD NAGAN-RAYA	0506z	04Oct2023	7.5m
NAD ACEH-UTARA BAGIAN BARAT	0507z	04Oct2023	5.5m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0507z	04Oct2023	1.7m
NAD KOTA-LHOKSEUMAWA	0512z	04Oct2023	5.3m
NAD ACEH-SELATAN BAGIAN UTARA	0514z	04Oct2023	3.6m
SUMUT NIAS-SELATAN PULAU TANABALA	0522z	04Oct2023	1.7m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	0522z	04Oct2023	1.1m
NAD ACEH-BARAT-DAYA	0524z	04Oct2023	6.6m
NAD ACEH-UTARA BAGIAN TIMUR	0531z	04Oct2023	6.5m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0548z	04Oct2023	0.8m
NAD ACEH-SELATAN BAGIAN SELATAN	0552z	04Oct2023	4.2m
NAD ACEH-TIMUR	0554z	04Oct2023	4.8m
NAD ACEH-SINGKIL	0631z	04Oct2023	3.0m
SUMUT TAPANULI-TENGAH BAGIAN UTARA	0632z	04Oct2023	1.0m
SUMUT MANDAILING-NATAL BAGIAN UTARA	0654z	04Oct2023	1.4m
SUMUT TAPANULI-SELATAN	0707z	04Oct2023	1.8m
SUMUT TAPANULI-TENGAH KEP. MURSALA	0713z	04Oct2023	1.3m
NAD KOTA-LANGSA	0718z	04Oct2023	5.5m
NAD ACEH-TAMIANG	0733z	04Oct2023	4.5m
LAMPUNG TANGGAMUS BAGIAN BARAT	0738z	04Oct2023	1.7m
SUMUT TAPANULI-TENGAH BAGIAN SELATAN	0743z	04Oct2023	1.3m
SUMBAR KOTA-PADANG BAGIAN UTARA	0802z	04Oct2023	1.5m
SUMUT LANGKAT	0818z	04Oct2023	2.7m
SUMUT NIAS-SELATAN PULAU PINI	0833z	04Oct2023	1.6m
SUMUT KOTA-MEDAN	0842z	04Oct2023	3.4m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0856z	04Oct2023	1.4m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0902z	04Oct2023	1.6m
SUMUT DELISERDANG	0903z	04Oct2023	1.3m
SUMUT SERDANG-BEDAGAI	0914z	04Oct2023	1.6m

BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0919z	04Oct2023	1.4m
LAMPUNG TANGGAMUS PULAU TABUAN	0919z	04Oct2023	0.6m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0920z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0923z	04Oct2023	1.2m
SUMBAR PASAMAN-BARAT	0940z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0947z	04Oct2023	1.4m
BENGKULU MUKOMUKO	0949z	04Oct2023	1.1m
BENGKULU SELUMA	0949z	04Oct2023	1.3m
BENGKULU KAUR	0949z	04Oct2023	1.2m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0949z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0952z	04Oct2023	1.3m
JABAR SUKABUMI PELABUHAN-RATU	1006z	04Oct2023	1.2m
BANTEN PANDEGLANG BAGIAN SELATAN	1006z	04Oct2023	1.0m
SUMUT KOTA-SIBOLGA	1008z	04Oct2023	1.9m
JABAR SUKABUMI UJUNG-GENTENG	1010z	04Oct2023	1.0m
SUMUT ASAHAN	1011z	04Oct2023	1.4m
SUMBAR KOTA-PADANG BAGIAN SELATAN	1014z	04Oct2023	1.1m
BANTEN PANDEGLANG PULAU PANAITAN	1019z	04Oct2023	0.7m
JABAR CIANJUR SINDANGBARANG	1022z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1037z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	1049z	04Oct2023	1.4m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	1123z	04Oct2023	0.8m
SUMBAR PESISIR-SELATAN BAGIAN UTARA	1125z	04Oct2023	0.7m
SUMUT MANDAILING-NATAL BAGIAN SELATAN	1126z	04Oct2023	1.4m
BANTEN LEBAK	1129z	04Oct2023	1.1m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	1131z	04Oct2023	0.7m
JATIM PACITAN	1135z	04Oct2023	0.8m
JABAR GARUT	1141z	04Oct2023	0.7m
SUMUT LABUHANBATU	1146z	04Oct2023	0.9m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	1147z	04Oct2023	0.7m
JATENG CILACAP	1148z	04Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN UTARA	1149z	04Oct2023	0.7m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1208z	04Oct2023	0.9m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	1210z	04Oct2023	0.7m
JATENG KEBUMEN	1211z	04Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1221z	04Oct2023	0.9m
SUMBAR AGAM	1224z	04Oct2023	0.7m
JATENG PURWOREJO	1231z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	1231z	04Oct2023	0.6m
JABAR TASIKMALAYA	1236z	04Oct2023	0.8m
BANTEN SERANG BAGIAN BARAT	1255z	04Oct2023	0.6m
SUMBAR KOTA-PARIAMAN	1257z	04Oct2023	0.7m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	1257z	04Oct2023	0.6m
JATIM TRENGGALEK	1306z	04Oct2023	0.7m
NTB LOMBOK-BARAT BAGIAN SELATAN	1311z	04Oct2023	0.5m
BENGKULU BENGKULU-SELATAN	1335z	04Oct2023	1.2m
DIY GUNUNG-KIDUL	1347z	04Oct2023	0.7m
DIY BANTUL	1347z	04Oct2023	0.9m
NTB DOMPU BAGIAN SELATAN	1348z	04Oct2023	0.6m
DIY KULON-PROGO	1355z	04Oct2023	0.5m
JATIM BLITAR	1407z	04Oct2023	0.7m
JABAR CIAMIS	1414z	04Oct2023	0.9m
RIAU ROKAN-HILIR	1429z	04Oct2023	0.6m
NTB LOMBOK-TENGAH	1432z	04Oct2023	0.7m
NTB LOMBOK-TIMUR BAGIAN SELATAN	1432z	04Oct2023	0.6m
JATIM JEMBER	1443z	04Oct2023	0.5m
JATIM LUMAJANG	1447z	04Oct2023	0.7m
BANTEN KOTA-CILEGON PULAU SANGIA	1450z	04Oct2023	0.5m
JATENG WONOGIRI	1459z	04Oct2023	0.8m
JATIM TULUNGAGUNG	1502z	04Oct2023	0.5m
JATIM MALANG	1506z	04Oct2023	0.5m
BALI BADUNG PANTAI-KUTA	1515z	04Oct2023	0.5m
BANTEN KOTA-CILEGON	1520z	04Oct2023	0.5m
JATIM JEMBER PULAU NUSABARUNG	1542z	04Oct2023	0.5m

IRAN

PUSHT 1205z 04Oct2023 0.6m

KENYA

KIWAYU 1211z 04Oct2023 1.2m
KIPINI 1237z 04Oct2023 1.1m
MALINDI 1237z 04Oct2023 1.2m
TAKAUNGU 1239z 04Oct2023 1.4m
MVULENI 1239z 04Oct2023 1.2m
KISIMACHANDE 1241z 04Oct2023 1.3m

MADAGASCAR

VOHEMAR 1131z 04Oct2023 1.2m
ANOROTSANGANA 1151z 04Oct2023 0.7m
TAMPOLO 1203z 04Oct2023 0.8m
AMBAHY 1214z 04Oct2023 0.8m
FARAFAGANA 1215z 04Oct2023 1.3m
MANANTENINA 1227z 04Oct2023 0.8m
SAMPONA 1304z 04Oct2023 0.8m
TOAMASINA AIRPORT 1401z 04Oct2023 0.6m
GLORIOSO ISLANDS 1455z 04Oct2023 0.6m

MALAYSIA

SATUN 0728z 04Oct2023 2.4m
YAN 0729z 04Oct2023 1.6m
WEST OF ALOR SETAR 0739z 04Oct2023 1.6m
SEBERANG PERAI SELATAN 0759z 04Oct2023 2.6m
SEBERANG PERAI UTARA AND BARAT DAYA 0801z 04Oct2023 2.2m
KERIAN 0817z 04Oct2023 1.9m
LARUT AND MATANG 0825z 04Oct2023 1.9m
KUALA MUDA 0827z 04Oct2023 1.4m
MANJUNG 0838z 04Oct2023 1.9m
HILIR PERAK 0953z 04Oct2023 1.3m
SABAK BERNAM 1124z 04Oct2023 1.0m
KUALA SELANGOR 1220z 04Oct2023 0.7m

MALDIVES

MALE 0705z 04Oct2023 7.7m
KULHUDUFFUSHI 0707z 04Oct2023 4.5m
KOLHUFUSHI 0707z 04Oct2023 7.4m
DHIYAMIGILI 0708z 04Oct2023 9.5m
THINADHOO 0709z 04Oct2023 4.6m
HITHADHOO 0713z 04Oct2023 5.2m
GOIDHOO 0720z 04Oct2023 2.6m
NILANDHOO 0725z 04Oct2023 5.0m
FERIDHOO 0726z 04Oct2023 3.3m

MAURITIUS

LA FERME 0950z 04Oct2023 1.5m
CARGADOS CARAJOS 1021z 04Oct2023 1.7m
AGALEGA ISLAND 1024z 04Oct2023 0.8m
GRANDE REVIERE SUD EST-EAST 1039z 04Oct2023 1.3m
GRANDE REVIERE SUD EST-WEST 1207z 04Oct2023 0.7m

MOZAMBIQUE

MAGANJA 1245z 04Oct2023 1.1m
QUITERAJO 1300z 04Oct2023 0.7m

IOC Technical Series, 181 (I) Supplement 1
page 316

TAVARI	1302z	04Oct2023	0.5m
PEMBA	1302z	04Oct2023	0.7m
MERONVI	1305z	04Oct2023	0.9m
MECUFI	1308z	04Oct2023	1.0m
NANGATA	1309z	04Oct2023	0.8m
LURIO	1310z	04Oct2023	0.7m
MINHAUINE	1315z	04Oct2023	1.1m
MURREBUE	1515z	04Oct2023	0.6m

MYANMAR

PREPARIS ISLAND	0524z	04Oct2023	2.1m
LITTLE COCO ISLAND	0528z	04Oct2023	2.1m
THAN KYUN	0535z	04Oct2023	5.3m
GREAT WESTERN TORRES ISLAND	0536z	04Oct2023	2.2m
LORD LOUGHBOROUGH ISLAND	0538z	04Oct2023	3.9m
KYWEGYAUNG	0550z	04Oct2023	1.7m
CHEDUBA ISLAND	0559z	04Oct2023	1.7m
MAGYIGYAING	0601z	04Oct2023	2.4m
MAWYEN	0604z	04Oct2023	1.5m
KYAUKPYU	0621z	04Oct2023	1.6m
THAWINCHAUNG	0625z	04Oct2023	1.5m
SITTWE	0627z	04Oct2023	2.1m
PHARPON	0704z	04Oct2023	1.5m
MALI KYUN	0712z	04Oct2023	1.8m
YANGON-S	0735z	04Oct2023	1.3m
YE	0744z	04Oct2023	1.3m

OMAN

AD DUQM	1035z	04Oct2023	0.7m
HASIK	1057z	04Oct2023	0.9m
SALALAH	1058z	04Oct2023	1.1m
MIRBAT	1103z	04Oct2023	1.3m
AL ASHKHARAH	1109z	04Oct2023	0.9m
TAQAH	1109z	04Oct2023	1.2m
AL JAZER	1112z	04Oct2023	0.6m
QURAYYAT	1123z	04Oct2023	0.7m
RAS AR RUWAYS	1249z	04Oct2023	0.6m
SUR	1318z	04Oct2023	0.8m

PAKISTAN

ORMARA	1140z	04Oct2023	0.7m
KARACHI	1221z	04Oct2023	0.7m

SEYCHELLES

FREGATE ISLAND	1010z	04Oct2023	2.1m
COETIVY ISLAND	1018z	04Oct2023	1.8m
ILE DESROCHES	1043z	04Oct2023	1.2m
ALPHONSE ISLAND	1057z	04Oct2023	0.8m
TAKAMAKA	1108z	04Oct2023	2.1m
FARQUHAR GROUP	1112z	04Oct2023	1.0m
ALDABRA	1150z	04Oct2023	0.8m
ASTOVE ISLAND	1345z	04Oct2023	0.7m

SOMALIA

BANDER-BEYLA	1104z	04Oct2023	2.3m
EYL	1109z	04Oct2023	3.7m
TOOXIN	1110z	04Oct2023	2.5m
GALDOGOB	1114z	04Oct2023	2.7m

JARIIBAN	1116z	04Oct2023	2.9m
XARARDHEERE	1122z	04Oct2023	2.9m
CEEL DHEER	1123z	04Oct2023	2.8m
ITALA	1124z	04Oct2023	1.9m
MAREEG	1125z	04Oct2023	1.7m
ABO	1129z	04Oct2023	1.4m
UARSCIECH	1131z	04Oct2023	1.7m
MUQDISHO	1136z	04Oct2023	1.6m
BEYNAX BARRE	1143z	04Oct2023	2.0m
BARAAWE	1148z	04Oct2023	1.8m
JILIB	1157z	04Oct2023	1.8m
TURDHO	1159z	04Oct2023	1.9m
NE BEERNAASI	1202z	04Oct2023	1.9m
KAAMBOONI	1210z	04Oct2023	1.6m
QANDALA	1247z	04Oct2023	0.6m

SOUTH AFRICA

GWABALANDA HITAWI	1511z	04Oct2023	0.5m
ABORETUM	1528z	04Oct2023	0.5m
MARSHSTRAND	1537z	04Oct2023	0.5m
ZIKHOVA	1539z	04Oct2023	0.5m
PEDDIE	1546z	04Oct2023	0.5m

SRI LANKA

BATTICALOA	0538z	04Oct2023	9.0m
AKKARAI PATTU	0539z	04Oct2023	7.1m
KIRINDA	0542z	04Oct2023	9.5m
ANAITIVU	0545z	04Oct2023	3.9m
KATTANKUDI	0545z	04Oct2023	8.2m
PANKULAM	0545z	04Oct2023	5.6m
OKANDA	0546z	04Oct2023	11.5m
POTTUVIL	0547z	04Oct2023	9.6m
MULLAITTIVU	0550z	04Oct2023	6.7m
TANGALLE	0555z	04Oct2023	7.0m
MATARA	0557z	04Oct2023	7.8m
HAMBANTOTA	0559z	04Oct2023	9.5m
CHUNDIKKULAM	0605z	04Oct2023	4.2m
AMBALANGODA	0606z	04Oct2023	4.2m
GALE	0606z	04Oct2023	6.6m
CHAVAKACHCHERI	0612z	04Oct2023	4.5m
POINT PEDRO	0613z	04Oct2023	4.6m
BERUWALA	0619z	04Oct2023	3.9m
COLOMBO	0620z	04Oct2023	3.3m
MORATUWA	0623z	04Oct2023	4.1m
NEGOMBO	0627z	04Oct2023	2.9m
MUNDAL LAKE	0632z	04Oct2023	2.9m
MANNAR ISLAND	0637z	04Oct2023	2.0m
MUSALI	0654z	04Oct2023	1.6m

TANZANIA

VUMBA	1233z	04Oct2023	0.8m
VUMBI	1234z	04Oct2023	0.8m
ZANZIBAR	1238z	04Oct2023	1.0m
JIMBO	1241z	04Oct2023	0.8m
GAZIJA	1243z	04Oct2023	1.0m
SONGO SONGO ISLAND	1244z	04Oct2023	0.9m
KUTANI	1246z	04Oct2023	1.1m
MADANGWA	1246z	04Oct2023	1.7m
RUVU	1247z	04Oct2023	0.9m
MSASANI	1254z	04Oct2023	0.6m
BOMALANDNI	1341z	04Oct2023	0.8m
WEST TO KONDE	1344z	04Oct2023	0.9m

THAILAND

THAI MUEANG	0532z	04Oct2023	8.6m
KO RACHA NOI	0539z	04Oct2023	5.4m
KOH SURIN TAI	0544z	04Oct2023	6.7m
KOH LANTA YAI	0615z	04Oct2023	2.5m
THAI MUEANG_TAKUA PA	0619z	04Oct2023	8.1m
KOH ROK	0620z	04Oct2023	2.5m
MUEANG SATUN	0625z	04Oct2023	2.4m
KOH TARUTAO	0739z	04Oct2023	3.5m

UNITED KINGDOM

MORESBY ISLAND	0734z	04Oct2023	4.2m
DIEGO GARCIA	0738z	04Oct2023	3.0m
NW EGMONT ISLAND	0757z	04Oct2023	2.3m

YEMEN

DAMQAWT	1101z	04Oct2023	1.2m
AL GHAYDAH AIRPORT	1108z	04Oct2023	1.3m
SOCOTRA ISLAND NORTH	1114z	04Oct2023	1.2m
SOCOTRA ISLAND SOUTH	1115z	04Oct2023	2.0m
HUSWAYN	1118z	04Oct2023	1.4m
SOCOTRA ISLAND WEST	1120z	04Oct2023	0.9m
ALQUMRAH	1144z	04Oct2023	0.9m
MASILAH WADI	1302z	04Oct2023	0.8m
HAMI	1309z	04Oct2023	0.5m
HARRAH	1314z	04Oct2023	0.5m
AL MUKALLA	1349z	04Oct2023	0.7m

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 IOTWMS-TSP INDONESIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (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://rtsp.bmkg.go.id/publicbull.php>

<https://www.bmkg.go.id>

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

E-Mail: inartsp@bmkg.go.id

monitrtwp@bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST
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BULLETIN 9

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TSP-InaTEWS-20231004-1000-009

TSUNAMI BULLETIN NUMBER 9 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 1000 UTC, Oct 04, 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION (updated)

IOTWMS-TSP INDONESIA has detected an earthquake with the following details:

Magnitude : 9.0 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

2. EVALUATION

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

LOCATION	COUNTRIES	LAT	LON	TIME (UTC)	DATE	AMPL (m)
Campbell Bay	INDIA	7.00N	93.93E	0429z UTC	4 Oct 2023	6.0m
Sabang	INDONESIA	5.83N	95.33E	0430z UTC	4 Oct 2023	3.7m
Port Blair	INDIA	11.68N	92.76E	0439z UTC	4 Oct 2023	3.6m
DART 23227	INDIA	6.26N	88.79E	0441z UTC	4 Oct 2023	2.6m
Nancowry	INDIA	8.05N	93.55E	0508z UTC	4 Oct 2023	8.5m
Telukdalam	INDONESIA	0.55N	97.82E	0508z UTC	4 Oct 2023	2.0m
Meulaboh	INDONESIA	4.13N	96.13E	0514z UTC	4 Oct 2023	9.1m
DART 23218	INDIA	10.17N	88.50E	0516z UTC	4 Oct 2023	0.5m
Tanahbala	INDONESIA	0.53S	98.50E	0530z UTC	4 Oct 2023	1.1m
Ko Miang	THAILAND	8.55N	97.63E	0539z UTC	4 Oct 2023	3.3m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0541z UTC	4 Oct 2023	2.3m
Trincomalee	SRI LANKA	8.56N	81.20E	0547z UTC	4 Oct 2023	4.8m
Haing Gyi Kyun	MYANMAR	16.00N	94.32E	0611z UTC	4 Oct 2023	3.6m
Enggano	INDONESIA	5.35S	102.28E	0612z UTC	4 Oct 2023	0.9m
Padang	INDONESIA	0.95S	100.37E	0614z UTC	4 Oct 2023	0.8m
Chennai	INDIA	13.10N	80.30E	0620z UTC	4 Oct 2023	6.1m
Pulau Perak	MALAYSIA	5.68N	98.94E	0624z UTC	4 Oct 2023	2.5m
Cocos Island	AUSTRALIA	12.12S	96.89E	0626z UTC	4 Oct 2023	1.2m
Visakhapatnam	INDIA	17.68N	83.28E	0629z UTC	4 Oct 2023	4.0m
Colombo	SRI LANKA	6.95N	79.85E	0632z UTC	4 Oct 2023	4.0m
Seblat	INDONESIA	3.22S	101.60E	0634z UTC	4 Oct 2023	1.6m
Christmas Island	AUSTRALIA	10.43N	105.67E	0645z UTC	4 Oct 2023	1.4m
Sibolga	INDONESIA	1.73N	98.80E	0645z UTC	4 Oct 2023	2.8m
Sittwe	MYANMAR	20.15N	92.90E	0646z UTC	4 Oct 2023	2.2m
Gan	MALDIVE	0.69S	73.15E	0712z UTC	4 Oct 2023	5.6m
Hanimadhoo	MALDIVE	6.77N	73.17E	0718z UTC	4 Oct 2023	4.6m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0719z UTC	4 Oct 2023	0.8m
DART 23223	INDIA	17.33N	89.48E	0721z UTC	4 Oct 2023	0.5m
Kirinda	SRI LANKA	6.20N	81.32E	0721z UTC	4 Oct 2023	4.5m
Minicoy	INDIA	8.28N	73.05E	0724z UTC	4 Oct 2023	2.0m
Sebesi Island	INDONESIA	5.94S	105.51E	0726z UTC	4 Oct 2023	0.7m
Langkawi	MALAYSIA	6.42N	99.77E	0728z UTC	4 Oct 2023	1.1m

Marina Jambu	INDONESIA	6.19S	105.84E	0729z	UTC	4 Oct 2023	0.8m
Porto Malai	MALAYSIA	6.26N	99.73E	0730z	UTC	4 Oct 2023	4.4m
Pangandaran	INDONESIA	7.75S	108.50E	0736z	UTC	4 Oct 2023	0.9m
Diego Garcia	UK	7.29S	72.39E	0739z	UTC	4 Oct 2023	3.1m
Cilacap	INDONESIA	7.75S	109.00E	0741z	UTC	4 Oct 2023	1.3m
Sadeng	INDONESIA	8.19S	110.80E	0747z	UTC	4 Oct 2023	0.9m
Pacitan	INDONESIA	8.27S	111.37E	0754z	UTC	4 Oct 2023	0.9m
Prigi	INDONESIA	8.28S	111.73E	0758z	UTC	4 Oct 2023	0.8m
Popoh	INDONESIA	8.26S	111.80E	0800z	UTC	4 Oct 2023	0.8m
Cuddalore	INDIA	11.71N	79.78E	0801z	UTC	4 Oct 2023	4.3m
Cochin	INDIA	9.96N	76.26E	0817z	UTC	4 Oct 2023	2.4m
Benoa	INDONESIA	8.77S	115.22E	0831z	UTC	4 Oct 2023	0.4m
Lembar	INDONESIA	8.73S	116.07E	0854z	UTC	4 Oct 2023	0.3m
Muncar Banyuwangi	INDONESIA	8.44S	114.35E	0855z	UTC	4 Oct 2023	0.3m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0924z	UTC	4 Oct 2023	1.1m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0940z	UTC	4 Oct 2023	0.7m
Rote	INDONESIA	10.71S	123.06E	0942z	UTC	4 Oct 2023	0.3m
Marmagao	INDIA	15.41N	73.80E	0948z	UTC	4 Oct 2023	1.5m
Rodrigues	MAURITIUS	19.68S	63.42E	0950z	UTC	4 Oct 2023	3.3m

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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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	0628z	04Oct2023	1.3m
CHRISTMAS ISLAND	0959z	04Oct2023	1.1m
GASCOYNE COAST	1006z	04Oct2023	1.1m
LEEUWIN COAST	1136z	04Oct2023	0.8m
PILBARA COAST WEST	1149z	04Oct2023	0.8m
NINGALOO COAST	1201z	04Oct2023	0.7m
GERALDTON COAST	1214z	04Oct2023	0.6m
PILBARA COAST EAST	1320z	04Oct2023	0.5m
BUNBURY GEOGRAPHE COAST	1412z	04Oct2023	0.6m
LANCELIN COAST	1414z	04Oct2023	0.7m
HEARD ISLAND AND MCDONALD ISLANDS	1421z	04Oct2023	1.6m
AURORA BANK	1502z	04Oct2023	0.9m

BANGLADESH

COXS BAZAR	0657z	04Oct2023	1.6m
KUTUBDIA ISLAND	0707z	04Oct2023	1.6m
BARGUNA	0736z	04Oct2023	1.8m
CHALNA	0802z	04Oct2023	1.4m

COMOROS

BAMBAO	1219z	04Oct2023	0.6m
CHEZANI	1224z	04Oct2023	0.8m
FOMBONI	1231z	04Oct2023	1.1m
DZAOUDZI	1333z	04Oct2023	0.7m

FRANCE

SAINT-DENIS	1130z	04Oct2023	0.6m
ILE SAINT-PAUL-NORTH	1132z	04Oct2023	1.0m
ILE SAINT-PAUL-SOUTH	1145z	04Oct2023	0.9m
ILE DE LA POSSESSION	1322z	04Oct2023	1.1m
NES CROZET	1329z	04Oct2023	0.9m
CROZET PLATEAU	1349z	04Oct2023	0.7m
ILE KERGUELEN	1358z	04Oct2023	0.6m

INDIA

CAR NICOBAR	0403z	04Oct2023	12.8m
KOMATRA AND KATCHAL ISLAND	0404z	04Oct2023	15.1m
INDIRA POINT	0408z	04Oct2023	12.7m
LITTLE ANDAMAN	0411z	04Oct2023	6.8m
NORTH SENTINEL ISLAND	0426z	04Oct2023	4.4m
PORT BLAIR	0433z	04Oct2023	3.7m
HAVELOCK	0449z	04Oct2023	4.0m
WEST AND LANDFALL ISLAND	0455z	04Oct2023	2.6m
BARREN ISLAND	0455z	04Oct2023	2.2m
FLAT ISLAND	0456z	04Oct2023	3.7m
RANGATH BAY	0500z	04Oct2023	3.8m
DIGLIPUR	0511z	04Oct2023	2.9m
NARCONDAM ISLAND	0543z	04Oct2023	1.7m
MARAKKANAM	0604z	04Oct2023	3.6m
CUDDALORE	0606z	04Oct2023	3.9m
PUDUCHERRY	0607z	04Oct2023	3.8m
ENNORE	0609z	04Oct2023	4.0m
KAKINADA	0610z	04Oct2023	3.7m
SRIHARIKOTA	0610z	04Oct2023	3.2m
MACHILIPATNAM	0611z	04Oct2023	3.1m
MAHABALIPURAM	0611z	04Oct2023	5.2m
POOMBUHAR	0612z	04Oct2023	3.9m
NAGAPATTINAM	0612z	04Oct2023	3.9m
PERUPALEM	0614z	04Oct2023	3.2m
NIJAMPATTANAM	0614z	04Oct2023	4.4m
CHENNAI	0614z	04Oct2023	4.1m
KARAIKAL	0616z	04Oct2023	3.8m
PURI	0617z	04Oct2023	2.7m
KOTTAPATNAM	0617z	04Oct2023	3.6m
MALLIPATTINAM	0617z	04Oct2023	4.8m
MUTHUPET	0618z	04Oct2023	4.2m
PARADIP	0619z	04Oct2023	2.6m
KALINGAPATNAM	0619z	04Oct2023	3.4m
KONADA	0620z	04Oct2023	2.7m
VISAKHAPATNAM	0621z	04Oct2023	3.1m
GOPALPUR	0627z	04Oct2023	3.8m
JAMBOO	0632z	04Oct2023	2.0m
TUTICORIN	0645z	04Oct2023	2.2m
RAMESWARAM	0654z	04Oct2023	2.1m
KOTTAIPPATTANAM	0654z	04Oct2023	2.7m
DHAMRA	0655z	04Oct2023	1.6m
HEMNAGAR	0703z	04Oct2023	1.6m
KOODANKULAM	0705z	04Oct2023	3.0m
NAMKHANA	0710z	04Oct2023	1.9m
CHANDIPUR	0712z	04Oct2023	1.9m
DIGHA	0714z	04Oct2023	1.6m

KANYAKUMARI	0716z	04Oct2023	4.0m
TRIVANDRUM	0720z	04Oct2023	2.6m
QUILON	0720z	04Oct2023	2.4m
ALLEPPEY ALAPPUZHA	0728z	04Oct2023	1.9m
MINICOY	0728z	04Oct2023	1.6m
ANDROTH	0739z	04Oct2023	1.1m
KAVARATTI	0751z	04Oct2023	1.2m
AMINI	0758z	04Oct2023	1.1m
VADANAPPALLY	0801z	04Oct2023	1.4m
AGATTI	0802z	04Oct2023	1.3m
COCHIN	0804z	04Oct2023	2.0m
VAKKAD	0808z	04Oct2023	1.4m
BEYPORE	0821z	04Oct2023	1.3m
KANNUR	0831z	04Oct2023	1.3m
MAHE	0832z	04Oct2023	0.8m
KASARAGOD	0835z	04Oct2023	1.2m
KARWAR	0926z	04Oct2023	0.9m
MALVAN BAY	0952z	04Oct2023	0.6m
VASCO	0957z	04Oct2023	0.7m
PANAJI	0958z	04Oct2023	0.8m
JAIGARH	1014z	04Oct2023	0.7m
UDUPI	1031z	04Oct2023	1.0m
MANGALORE	1100z	04Oct2023	1.1m
ALIBAG PORT	1459z	04Oct2023	0.5m

INDONESIA

NAD ACEH-BESAR PULAU BREUEH	0421z	04Oct2023	14.0m
NAD KOTA-SABANG PULAU RONDO	0423z	04Oct2023	3.5m
NAD KOTA-SABANG PULAU WEH	0426z	04Oct2023	7.7m
NAD ACEH-BESAR PULAU PENAS	0431z	04Oct2023	17.0m
NAD ACEH-BESAR BAGIAN BARAT	0434z	04Oct2023	16.3m
NAD ACEH-JAYA	0435z	04Oct2023	8.7m
NAD ACEH-BESAR BAGIAN UTARA	0437z	04Oct2023	5.7m
NAD SIMEULUE PULAU SIMEULUE	0439z	04Oct2023	4.3m
NAD KOTA-BANDA-ACEH	0443z	04Oct2023	18.1m
NAD PIDIE	0444z	04Oct2023	9.7m
SUMUT NIAS BAGIAN BARAT	0454z	04Oct2023	2.7m
NAD BIREUEN	0500z	04Oct2023	4.6m
SUMUT NIAS BAGIAN TIMUR	0502z	04Oct2023	2.5m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	0502z	04Oct2023	3.3m
SUMUT NIAS-SELATAN PULAU NIAS	0504z	04Oct2023	2.6m
NAD ACEH-BARAT	0506z	04Oct2023	7.0m
NAD NAGAN-RAYA	0506z	04Oct2023	7.5m
NAD ACEH-UTARA BAGIAN BARAT	0507z	04Oct2023	5.5m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0507z	04Oct2023	1.7m
NAD KOTA-LHOKSEUMAWA	0512z	04Oct2023	5.3m
NAD ACEH-SELATAN BAGIAN UTARA	0514z	04Oct2023	3.6m
SUMUT NIAS-SELATAN PULAU TANABALA	0522z	04Oct2023	1.7m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	0522z	04Oct2023	1.1m
NAD ACEH-BARAT-DAYA	0524z	04Oct2023	6.6m
NAD ACEH-UTARA BAGIAN TIMUR	0531z	04Oct2023	6.5m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0548z	04Oct2023	0.8m
NAD ACEH-SELATAN BAGIAN SELATAN	0552z	04Oct2023	4.2m
NAD ACEH-TIMUR	0554z	04Oct2023	4.8m
NAD ACEH-SINGKIL	0631z	04Oct2023	3.0m
SUMUT TAPANULI-TENGAH BAGIAN UTARA	0632z	04Oct2023	1.0m
SUMUT MANDAILING-NATAL BAGIAN UTARA	0654z	04Oct2023	1.4m
SUMUT TAPANULI-SELATAN	0707z	04Oct2023	1.8m
SUMUT TAPANULI-TENGAH KEP. MURSALA	0713z	04Oct2023	1.3m
NAD KOTA-LANGSA	0718z	04Oct2023	5.5m
NAD ACEH-TAMIANG	0733z	04Oct2023	4.5m
LAMPUNG TANGGAMUS BAGIAN BARAT	0738z	04Oct2023	1.7m
SUMUT TAPANULI-TENGAH BAGIAN SELATAN	0743z	04Oct2023	1.3m
SUMBAR KOTA-PADANG BAGIAN UTARA	0802z	04Oct2023	1.5m
SUMUT LANGKAT	0818z	04Oct2023	2.7m
SUMUT NIAS-SELATAN PULAU PINI	0833z	04Oct2023	1.6m

SUMUT KOTA-MEDAN	0842z	04Oct2023	3.4m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0856z	04Oct2023	1.4m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0902z	04Oct2023	1.6m
SUMUT DELISERDANG	0903z	04Oct2023	1.3m
SUMUT SERDANG-BEDAGAI	0914z	04Oct2023	1.6m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0919z	04Oct2023	1.4m
LAMPUNG TANGGAMUS PULAU TABUAN	0919z	04Oct2023	0.6m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0920z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0923z	04Oct2023	1.2m
SUMBAR PASAMAN-BARAT	0940z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0947z	04Oct2023	1.4m
BENGKULU MUKOMUKO	0949z	04Oct2023	1.1m
BENGKULU SELUMA	0949z	04Oct2023	1.3m
BENGKULU KAUR	0949z	04Oct2023	1.2m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0949z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0952z	04Oct2023	1.3m
JABAR SUKABUMI PELABUHAN-RATU	1006z	04Oct2023	1.2m
BANTEN PANDEGLANG BAGIAN SELATAN	1006z	04Oct2023	1.0m
SUMUT KOTA-SIBOLGA	1008z	04Oct2023	1.9m
JABAR SUKABUMI UJUNG-GENTENG	1010z	04Oct2023	1.0m
SUMUT ASAHAN	1011z	04Oct2023	1.4m
SUMBAR KOTA-PADANG BAGIAN SELATAN	1014z	04Oct2023	1.1m
BANTEN PANDEGLANG PULAU PANAITAN	1019z	04Oct2023	0.7m
JABAR CIANJUR SINDANGBARANG	1022z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1037z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	1049z	04Oct2023	1.4m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	1123z	04Oct2023	0.8m
SUMBAR PESISIR-SELATAN BAGIAN UTARA	1125z	04Oct2023	0.7m
SUMUT MANDAILING-NATAL BAGIAN SELATAN	1126z	04Oct2023	1.4m
BANTEN LEBAK	1129z	04Oct2023	1.1m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	1131z	04Oct2023	0.7m
JATIM PACITAN	1135z	04Oct2023	0.8m
JABAR GARUT	1141z	04Oct2023	0.7m
SUMUT LABUHANBATU	1146z	04Oct2023	0.9m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	1147z	04Oct2023	0.7m
JATENG CILACAP	1148z	04Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN UTARA	1149z	04Oct2023	0.7m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1208z	04Oct2023	0.9m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	1210z	04Oct2023	0.7m
JATENG KEBUMEN	1211z	04Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1221z	04Oct2023	0.9m
SUMBAR AGAM	1224z	04Oct2023	0.7m
JATENG PURWOREJO	1231z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	1231z	04Oct2023	0.6m
JABAR TASIKMALAYA	1236z	04Oct2023	0.8m
BANTEN SERANG BAGIAN BARAT	1255z	04Oct2023	0.6m
SUMBAR KOTA-PARIAMAN	1257z	04Oct2023	0.7m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	1257z	04Oct2023	0.6m
JATIM TRENGGALEK	1306z	04Oct2023	0.7m
NTB LOMBOK-BARAT BAGIAN SELATAN	1311z	04Oct2023	0.5m
BENGKULU BENGKULU-SELATAN	1335z	04Oct2023	1.2m
DIY GUNUNG-KIDUL	1347z	04Oct2023	0.7m
DIY BANTUL	1347z	04Oct2023	0.9m
NTB DOMPU BAGIAN SELATAN	1348z	04Oct2023	0.6m
DIY KULON-PROGO	1355z	04Oct2023	0.5m
JATIM BLITAR	1407z	04Oct2023	0.7m
JABAR CIAMIS	1414z	04Oct2023	0.9m
RIAU ROKAN-HILIR	1429z	04Oct2023	0.6m
NTB LOMBOK-TENGAH	1432z	04Oct2023	0.7m
NTB LOMBOK-TIMUR BAGIAN SELATAN	1432z	04Oct2023	0.6m
JATIM JEMBER	1443z	04Oct2023	0.5m
JATIM LUMAJANG	1447z	04Oct2023	0.7m
BANTEN KOTA-CILEGON PULAU SANGIA	1450z	04Oct2023	0.5m
JATENG WONOGIRI	1459z	04Oct2023	0.8m
JATIM TULUNGAGUNG	1502z	04Oct2023	0.5m
JATIM MALANG	1506z	04Oct2023	0.5m
BALI BADUNG PANTAI-KUTA	1515z	04Oct2023	0.5m
BANTEN KOTA-CILEGON	1520z	04Oct2023	0.5m

JATIM JEMBER PULAU NUSABARUNG

1542z 04Oct2023

0.5m

IRAN

PUSHT 1205z 04Oct2023 0.6m

KENYA

KIWAYU 1211z 04Oct2023 1.2m
KIPINI 1237z 04Oct2023 1.1m
MALINDI 1237z 04Oct2023 1.2m
TAKAUNGU 1239z 04Oct2023 1.4m
MVULENI 1239z 04Oct2023 1.2m
KISIMACHANDE 1241z 04Oct2023 1.3m

MADAGASCAR

VOHEMAR 1131z 04Oct2023 1.2m
ANOROTSANGANA 1151z 04Oct2023 0.7m
TAMPOLO 1203z 04Oct2023 0.8m
AMBAHY 1214z 04Oct2023 0.8m
FARAFAGANA 1215z 04Oct2023 1.3m
MANANTENINA 1227z 04Oct2023 0.8m
SAMPONA 1304z 04Oct2023 0.8m
TOAMASINA AIRPORT 1401z 04Oct2023 0.6m
GLORIOSO ISLANDS 1455z 04Oct2023 0.6m

MALAYSIA

SATUN 0728z 04Oct2023 2.4m
YAN 0729z 04Oct2023 1.6m
WEST OF ALOR SETAR 0739z 04Oct2023 1.6m
SEBERANG PERAI SELATAN 0759z 04Oct2023 2.6m
SEBERANG PERAI UTARA AND BARAT DAYA 0801z 04Oct2023 2.2m
KERIAN 0817z 04Oct2023 1.9m
LARUT AND MATANG 0825z 04Oct2023 1.9m
KUALA MUDA 0827z 04Oct2023 1.4m
MANJUNG 0838z 04Oct2023 1.9m
HILIR PERAK 0953z 04Oct2023 1.3m
SABAK BERNAM 1124z 04Oct2023 1.0m
KUALA SELANGOR 1220z 04Oct2023 0.7m

MALDIVES

MALE 0705z 04Oct2023 7.7m
KULHUDUFFUSHI 0707z 04Oct2023 4.5m
KOLHUFUSHI 0707z 04Oct2023 7.4m
DHIYAMIGILI 0708z 04Oct2023 9.5m
THINADHOO 0709z 04Oct2023 4.6m
HITHADHOO 0713z 04Oct2023 5.2m
GOIDHOO 0720z 04Oct2023 2.6m
NILANDHOO 0725z 04Oct2023 5.0m
FERIDHOO 0726z 04Oct2023 3.3m

MAURITIUS

LA FERME 0950z 04Oct2023 1.5m
CARGADOS CARAJOS 1021z 04Oct2023 1.7m
AGALEGA ISLAND 1024z 04Oct2023 0.8m
GRANDE REVIERE SUD EST-EAST 1039z 04Oct2023 1.3m
GRANDE REVIERE SUD EST-WEST 1207z 04Oct2023 0.7m

MOZAMBIQUE

MAGANJA	1245z	04Oct2023	1.1m
QUITERAJO	1300z	04Oct2023	0.7m
TAVARI	1302z	04Oct2023	0.5m
PEMBA	1302z	04Oct2023	0.7m
MERONVI	1305z	04Oct2023	0.9m
MECUFI	1308z	04Oct2023	1.0m
NANGATA	1309z	04Oct2023	0.8m
LURIO	1310z	04Oct2023	0.7m
MINHAUINE	1315z	04Oct2023	1.1m
MURREBUE	1515z	04Oct2023	0.6m

MYANMAR

PREPARIS ISLAND	0524z	04Oct2023	2.1m
LITTLE COCO ISLAND	0528z	04Oct2023	2.1m
THAN KYUN	0535z	04Oct2023	5.3m
GREAT WESTERN TORRES ISLAND	0536z	04Oct2023	2.2m
LORD LOUGHBOROUGH ISLAND	0538z	04Oct2023	3.9m
KYWEGYAUNG	0550z	04Oct2023	1.7m
CHEDEUBA ISLAND	0559z	04Oct2023	1.7m
MAGYIGYAING	0601z	04Oct2023	2.4m
MAWYEN	0604z	04Oct2023	1.5m
KYAUKPYU	0621z	04Oct2023	1.6m
THAWINCHAUNG	0625z	04Oct2023	1.5m
SITTWE	0627z	04Oct2023	2.1m
PHARPON	0704z	04Oct2023	1.5m
MALI KYUN	0712z	04Oct2023	1.8m
YANGON-S	0735z	04Oct2023	1.3m
YE	0744z	04Oct2023	1.3m

OMAN

AD DUQM	1035z	04Oct2023	0.7m
HASIK	1057z	04Oct2023	0.9m
SALALAH	1058z	04Oct2023	1.1m
MIRBAT	1103z	04Oct2023	1.3m
AL ASHKHARAH	1109z	04Oct2023	0.9m
TAQAH	1109z	04Oct2023	1.2m
AL JAZER	1112z	04Oct2023	0.6m
QURAYYAT	1123z	04Oct2023	0.7m
RAS AR RUWAYS	1249z	04Oct2023	0.6m
SUR	1318z	04Oct2023	0.8m

PAKISTAN

ORMARA	1140z	04Oct2023	0.7m
KARACHI	1221z	04Oct2023	0.7m

SEYCHELLES

FREGATE ISLAND	1010z	04Oct2023	2.1m
COETIVY ISLAND	1018z	04Oct2023	1.8m
ILE DESROCHES	1043z	04Oct2023	1.2m
ALPHONSE ISLAND	1057z	04Oct2023	0.8m
TAKAMAKA	1108z	04Oct2023	2.1m
FARQUHAR GROUP	1112z	04Oct2023	1.0m
ALDABRA	1150z	04Oct2023	0.8m
ASTOVE ISLAND	1345z	04Oct2023	0.7m

SOMALIA

BANDER-BEYLA	1104z	04Oct2023	2.3m
EYL	1109z	04Oct2023	3.7m
TOOXIN	1110z	04Oct2023	2.5m
GALDOGOB	1114z	04Oct2023	2.7m
JARIIBAN	1116z	04Oct2023	2.9m
XARARDHEERE	1122z	04Oct2023	2.9m
CEEL DHEER	1123z	04Oct2023	2.8m
ITALA	1124z	04Oct2023	1.9m
MAREEG	1125z	04Oct2023	1.7m
ABO	1129z	04Oct2023	1.4m
UARSCIECH	1131z	04Oct2023	1.7m
MUQDISHO	1136z	04Oct2023	1.6m
BEYNAX BARRE	1143z	04Oct2023	2.0m
BARAAWE	1148z	04Oct2023	1.8m
JILIB	1157z	04Oct2023	1.8m
TURDHO	1159z	04Oct2023	1.9m
NE BEERNAASI	1202z	04Oct2023	1.9m
KAAMBOONI	1210z	04Oct2023	1.6m
QANDALA	1247z	04Oct2023	0.6m

SOUTH AFRICA

GWABALANDA HITAWI	1511z	04Oct2023	0.5m
ABORETUM	1528z	04Oct2023	0.5m
MARSHSTRAND	1537z	04Oct2023	0.5m
ZIKHOVA	1539z	04Oct2023	0.5m
PEDDIE	1546z	04Oct2023	0.5m

SRI LANKA

BATTICALOA	0538z	04Oct2023	9.0m
AKKARAIPATTU	0539z	04Oct2023	7.1m
KIRINDA	0542z	04Oct2023	9.5m
ANAITIVU	0545z	04Oct2023	3.9m
KATTANKUDI	0545z	04Oct2023	8.2m
PANKULAM	0545z	04Oct2023	5.6m
OKANDA	0546z	04Oct2023	11.5m
POTTUVIL	0547z	04Oct2023	9.6m
MULLAITTIVU	0550z	04Oct2023	6.7m
TANGALLE	0555z	04Oct2023	7.0m
MATARA	0557z	04Oct2023	7.8m
HAMBANTOTA	0559z	04Oct2023	9.5m
CHUNDIKKULAM	0605z	04Oct2023	4.2m
AMBALANGODA	0606z	04Oct2023	4.2m
GALLE	0606z	04Oct2023	6.6m
CHAVAKACHCHERI	0612z	04Oct2023	4.5m
POINT PEDRO	0613z	04Oct2023	4.6m
BERUWALA	0619z	04Oct2023	3.9m
COLOMBO	0620z	04Oct2023	3.3m
MORATUWA	0623z	04Oct2023	4.1m
NEGOMBO	0627z	04Oct2023	2.9m
MUNDAL LAKE	0632z	04Oct2023	2.9m
MANNAR ISLAND	0637z	04Oct2023	2.0m
MUSALI	0654z	04Oct2023	1.6m

TANZANIA

VUMBA	1233z	04Oct2023	0.8m
VUMBI	1234z	04Oct2023	0.8m
ZANZIBAR	1238z	04Oct2023	1.0m
JIMBO	1241z	04Oct2023	0.8m
GAZIJA	1243z	04Oct2023	1.0m
SONGO SONGO ISLAND	1244z	04Oct2023	0.9m
KUTANI	1246z	04Oct2023	1.1m

MADANGWA	1246z	04Oct2023	1.7m
RUVU	1247z	04Oct2023	0.9m
MSASANI	1254z	04Oct2023	0.6m
BOMALANDNI	1341z	04Oct2023	0.8m
WEST TO KONDE	1344z	04Oct2023	0.9m

THAILAND

THAI MUEANG	0532z	04Oct2023	8.6m
KO RACHA NOI	0539z	04Oct2023	5.4m
KOH SURIN TAI	0544z	04Oct2023	6.7m
KOH LANTA YAI	0615z	04Oct2023	2.5m
THAI MUEANG_TAKUA PA	0619z	04Oct2023	8.1m
KOH ROK	0620z	04Oct2023	2.5m
MUEANG SATUN	0625z	04Oct2023	2.4m
KOH TARUTAO	0739z	04Oct2023	3.5m

UNITED KINGDOM

MORESBY ISLAND	0734z	04Oct2023	4.2m
DIEGO GARCIA	0738z	04Oct2023	3.0m
NW EGMONT ISLAND	0757z	04Oct2023	2.3m

YEMEN

DAMQAWT	1101z	04Oct2023	1.2m
AL GHAYDAH AIRPORT	1108z	04Oct2023	1.3m
SOCOTRA ISLAND NORTH	1114z	04Oct2023	1.2m
SOCOTRA ISLAND SOUTH	1115z	04Oct2023	2.0m
HUSWAYN	1118z	04Oct2023	1.4m
SOCOTRA ISLAND WEST	1120z	04Oct2023	0.9m
ALQUMRAH	1144z	04Oct2023	0.9m
MASILAH WADI	1302z	04Oct2023	0.8m
HAMI	1309z	04Oct2023	0.5m
HARRAH	1314z	04Oct2023	0.5m
AL MUKALLA	1349z	04Oct2023	0.7m

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 IOTWMS-TSP INDONESIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (BMKG)

InaTEWS - Indonesian Tsunami Early Warning System

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P.O. Box 3540 Jakarta

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monitrtp@bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST
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BULLETIN 10

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TSP-InaTEWS-20231004-1100-010

TSUNAMI BULLETIN NUMBER 10 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 1100 UTC, Oct 04, 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION (updated)

IOTWMS-TSP INDONESIA has detected an earthquake with the following details:

Magnitude : 9.0 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

2. EVALUATION

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

LOCATION	COUNTRIES	LAT	LON	TIME (UTC)	DATE	AMPL (m)
Campbell Bay	INDIA	7.00N	93.93E	0429z UTC	4 Oct 2023	6.0m
Sabang	INDONESIA	5.83N	95.33E	0430z UTC	4 Oct 2023	3.7m
Port Blair	INDIA	11.68N	92.76E	0439z UTC	4 Oct 2023	3.6m
DART 23227	INDIA	6.26N	88.79E	0441z UTC	4 Oct 2023	2.6m
Nancowry	INDIA	8.05N	93.55E	0508z UTC	4 Oct 2023	8.5m
Telukdalam	INDONESIA	0.55N	97.82E	0508z UTC	4 Oct 2023	2.0m
Meulaboh	INDONESIA	4.13N	96.13E	0514z UTC	4 Oct 2023	9.1m
DART 23218	INDIA	10.17N	88.50E	0516z UTC	4 Oct 2023	0.5m
Tanahbala	INDONESIA	0.53S	98.50E	0530z UTC	4 Oct 2023	1.1m
Ko Miang	THAILAND	8.55N	97.63E	0539z UTC	4 Oct 2023	3.3m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0541z UTC	4 Oct 2023	2.3m
Trincomalee	SRI LANKA	8.56N	81.20E	0547z UTC	4 Oct 2023	4.8m
Haing Gyi Kyun	MYANMAR	16.00N	94.32E	0611z UTC	4 Oct 2023	3.6m
Enggano	INDONESIA	5.35S	102.28E	0612z UTC	4 Oct 2023	0.9m
Padang	INDONESIA	0.95S	100.37E	0614z UTC	4 Oct 2023	0.8m
Chennai	INDIA	13.10N	80.30E	0620z UTC	4 Oct 2023	6.1m
Pulau Perak	MALAYSIA	5.68N	98.94E	0624z UTC	4 Oct 2023	2.5m
Cocos Island	AUSTRALIA	12.12S	96.89E	0626z UTC	4 Oct 2023	1.2m
Visakhapatnam	INDIA	17.68N	83.28E	0629z UTC	4 Oct 2023	4.0m
Colombo	SRI LANKA	6.95N	79.85E	0632z UTC	4 Oct 2023	4.0m
Seblat	INDONESIA	3.22S	101.60E	0634z UTC	4 Oct 2023	1.6m
Christmas Island	AUSTRALIA	10.43N	105.67E	0645z UTC	4 Oct 2023	1.4m
Sibolga	INDONESIA	1.73N	98.80E	0645z UTC	4 Oct 2023	2.8m
Sittwe	MYANMAR	20.15N	92.90E	0646z UTC	4 Oct 2023	2.2m
Gan	MALDIVE	0.69S	73.15E	0712z UTC	4 Oct 2023	5.6m
Hanimadhoo	MALDIVE	6.77N	73.17E	0718z UTC	4 Oct 2023	4.6m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0719z UTC	4 Oct 2023	0.8m
DART 23223	INDIA	17.33N	89.48E	0721z UTC	4 Oct 2023	0.5m
Kirinda	SRI LANKA	6.20N	81.32E	0721z UTC	4 Oct 2023	4.5m
Minicoy	INDIA	8.28N	73.05E	0724z UTC	4 Oct 2023	2.0m
Sebesi Island	INDONESIA	5.94S	105.51E	0726z UTC	4 Oct 2023	0.7m
Langkawi	MALAYSIA	6.42N	99.77E	0728z UTC	4 Oct 2023	1.1m

Marina Jambu	INDONESIA	6.19S	105.84E	0729z	UTC	4 Oct 2023	0.8m
Porto Malai	MALAYSIA	6.26N	99.73E	0730z	UTC	4 Oct 2023	4.4m
Pangandaran	INDONESIA	7.75S	108.50E	0736z	UTC	4 Oct 2023	0.9m
Diego Garcia	UK	7.29S	72.39E	0739z	UTC	4 Oct 2023	3.1m
Cilacap	INDONESIA	7.75S	109.00E	0741z	UTC	4 Oct 2023	1.3m
Sadeng	INDONESIA	8.19S	110.80E	0747z	UTC	4 Oct 2023	0.9m
Pacitan	INDONESIA	8.27S	111.37E	0754z	UTC	4 Oct 2023	0.9m
Prigi	INDONESIA	8.28S	111.73E	0758z	UTC	4 Oct 2023	0.8m
Popoh	INDONESIA	8.26S	111.80E	0800z	UTC	4 Oct 2023	0.8m
Cuddalore	INDIA	11.71N	79.78E	0801z	UTC	4 Oct 2023	4.3m
Cochin	INDIA	9.96N	76.26E	0817z	UTC	4 Oct 2023	2.4m
Benoa	INDONESIA	8.77S	115.22E	0831z	UTC	4 Oct 2023	0.4m
Lembar	INDONESIA	8.73S	116.07E	0854z	UTC	4 Oct 2023	0.3m
Muncar Banyuwangi	INDONESIA	8.44S	114.35E	0855z	UTC	4 Oct 2023	0.3m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0924z	UTC	4 Oct 2023	1.1m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0940z	UTC	4 Oct 2023	0.7m
Rote	INDONESIA	10.71S	123.06E	0942z	UTC	4 Oct 2023	0.3m
Marmagao	INDIA	15.41N	73.80E	0948z	UTC	4 Oct 2023	1.5m
Rodrigues	MAURITIUS	19.68S	63.42E	0950z	UTC	4 Oct 2023	3.3m
Denis Island	SEYCHELLES	3.80S	55.67E	1005z	UTC	4 Oct 2023	1.5m
Agalega	MAURITIUS	10.35S	56.59E	1019z	UTC	4 Oct 2023	1.4m
Blue Bay	MAURITIUS	20.44S	57.71E	1030z	UTC	4 Oct 2023	0.8m
DART 23226	INDIA	20.20N	67.33E	1034z	UTC	4 Oct 2023	0.1m
Chittagong	BANGLADESH	22.33N	91.83E	1044z	UTC	4 Oct 2023	2.9m
Pt.Louis	MAURITIUS	20.16S	57.50E	1044z	UTC	4 Oct 2023	0.7m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	1046z	UTC	4 Oct 2023	0.7m
Salalah	OMAN	16.93N	54.01E	1052z	UTC	4 Oct 2023	1.7m
Gwadar	PAKISTAN	25.11N	62.34E	1058z	UTC	4 Oct 2023	0.8m

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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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	0628z	04Oct2023	1.3m
CHRISTMAS ISLAND	0959z	04Oct2023	1.1m
GASCOYNE COAST	1006z	04Oct2023	1.1m
LEEWIN COAST	1136z	04Oct2023	0.8m
PILBARA COAST WEST	1149z	04Oct2023	0.8m
NINGALOO COAST	1201z	04Oct2023	0.7m
GERALDTON COAST	1214z	04Oct2023	0.6m
PILBARA COAST EAST	1320z	04Oct2023	0.5m
BUNBURY GEOGRAPHE COAST	1412z	04Oct2023	0.6m
LANCELIN COAST	1414z	04Oct2023	0.7m
HEARD ISLAND AND MCDONALD ISLANDS	1421z	04Oct2023	1.6m
AURORA BANK	1502z	04Oct2023	0.9m

BANGLADESH

COXS BAZAR	0657z	04Oct2023	1.6m
KUTUBDIA ISLAND	0707z	04Oct2023	1.6m
BARGUNA	0736z	04Oct2023	1.8m
CHALNA	0802z	04Oct2023	1.4m

COMOROS

BAMBAAO	1219z	04Oct2023	0.6m
CHEZANI	1224z	04Oct2023	0.8m
FOMBONI	1231z	04Oct2023	1.1m
DZAOUDZI	1333z	04Oct2023	0.7m

FRANCE

SAINT-DENIS	1130z	04Oct2023	0.6m
ILE SAINT-PAUL-NORTH	1132z	04Oct2023	1.0m
ILE SAINT-PAUL-SOUTH	1145z	04Oct2023	0.9m
ILE DE LA POSSESSION	1322z	04Oct2023	1.1m
NES CROZET	1329z	04Oct2023	0.9m
CROZET PLATEAU	1349z	04Oct2023	0.7m
ILE KERGUELEN	1358z	04Oct2023	0.6m

INDIA

CAR NICOBAR	0403z	04Oct2023	12.8m
KOMATRA AND KATCHAL ISLAND	0404z	04Oct2023	15.1m
INDIRA POINT	0408z	04Oct2023	12.7m
LITTLE ANDAMAN	0411z	04Oct2023	6.8m
NORTH SENTINEL ISLAND	0426z	04Oct2023	4.4m
PORT BLAIR	0433z	04Oct2023	3.7m
HAVELOCK	0449z	04Oct2023	4.0m
WEST AND LANDFALL ISLAND	0455z	04Oct2023	2.6m
BARREN ISLAND	0455z	04Oct2023	2.2m
FLAT ISLAND	0456z	04Oct2023	3.7m
RANGATH BAY	0500z	04Oct2023	3.8m
DIGLIPUR	0511z	04Oct2023	2.9m
NARCONDAM ISLAND	0543z	04Oct2023	1.7m
MARAKKANAM	0604z	04Oct2023	3.6m
CUDDALORE	0606z	04Oct2023	3.9m
PUDUCHERRY	0607z	04Oct2023	3.8m
ENNORE	0609z	04Oct2023	4.0m
KAKINADA	0610z	04Oct2023	3.7m
SRIHARIKOTA	0610z	04Oct2023	3.2m
MACHILIPATNAM	0611z	04Oct2023	3.1m
MAHABALIPURAM	0611z	04Oct2023	5.2m
POOMBUHAR	0612z	04Oct2023	3.9m
NAGAPATTINAM	0612z	04Oct2023	3.9m
PERUPALEM	0614z	04Oct2023	3.2m
NIJAMPATTANAM	0614z	04Oct2023	4.4m
CHENNAI	0614z	04Oct2023	4.1m
KARAIKAL	0616z	04Oct2023	3.8m
PURI	0617z	04Oct2023	2.7m
KOTTAPATNAM	0617z	04Oct2023	3.6m
MALLIPATTINAM	0617z	04Oct2023	4.8m
MUTHUPET	0618z	04Oct2023	4.2m
PARADIP	0619z	04Oct2023	2.6m
KALINGAPATNAM	0619z	04Oct2023	3.4m
KONADA	0620z	04Oct2023	2.7m
VISAKHAPATNAM	0621z	04Oct2023	3.1m
GOPALPUR	0627z	04Oct2023	3.8m
JAMBOO	0632z	04Oct2023	2.0m

TUTICORIN	0645z	04Oct2023	2.2m
RAMESWARAM	0654z	04Oct2023	2.1m
KOTTAIPPATTANAM	0654z	04Oct2023	2.7m
DHAMRA	0655z	04Oct2023	1.6m
HEMNAGAR	0703z	04Oct2023	1.6m
KOODANKULAM	0705z	04Oct2023	3.0m
NAMKHANA	0710z	04Oct2023	1.9m
CHANDIPUR	0712z	04Oct2023	1.9m
DIGHA	0714z	04Oct2023	1.6m
KANYAKUMARI	0716z	04Oct2023	4.0m
TRIVANDRUM	0720z	04Oct2023	2.6m
QUILON	0720z	04Oct2023	2.4m
ALLEPPEY ALAPPUZHA	0728z	04Oct2023	1.9m
MINICOY	0728z	04Oct2023	1.6m
ANDROTH	0739z	04Oct2023	1.1m
KAVARATTI	0751z	04Oct2023	1.2m
AMINI	0758z	04Oct2023	1.1m
VADANAPPALLY	0801z	04Oct2023	1.4m
AGATTI	0802z	04Oct2023	1.3m
COCHIN	0804z	04Oct2023	2.0m
VAKKAD	0808z	04Oct2023	1.4m
BEYPORE	0821z	04Oct2023	1.3m
KANNUR	0831z	04Oct2023	1.3m
MAHE	0832z	04Oct2023	0.8m
KASARAGOD	0835z	04Oct2023	1.2m
KARWAR	0926z	04Oct2023	0.9m
MALVAN BAY	0952z	04Oct2023	0.6m
VASCO	0957z	04Oct2023	0.7m
PANAJI	0958z	04Oct2023	0.8m
JAIGARH	1014z	04Oct2023	0.7m
UDUPI	1031z	04Oct2023	1.0m
MANGALORE	1100z	04Oct2023	1.1m
ALIBAG PORT	1459z	04Oct2023	0.5m

INDONESIA

NAD ACEH-BESAR PULAU BREUEH	0421z	04Oct2023	14.0m
NAD KOTA-SABANG PULAU RONDO	0423z	04Oct2023	3.5m
NAD KOTA-SABANG PULAU WEH	0426z	04Oct2023	7.7m
NAD ACEH-BESAR PULAU PENAS	0431z	04Oct2023	17.0m
NAD ACEH-BESAR BAGIAN BARAT	0434z	04Oct2023	16.3m
NAD ACEH-JAYA	0435z	04Oct2023	8.7m
NAD ACEH-BESAR BAGIAN UTARA	0437z	04Oct2023	5.7m
NAD SIMEULUE PULAU SIMEULUE	0439z	04Oct2023	4.3m
NAD KOTA-BANDA-ACEH	0443z	04Oct2023	18.1m
NAD PIDIE	0444z	04Oct2023	9.7m
SUMUT NIAS BAGIAN BARAT	0454z	04Oct2023	2.7m
NAD BIREUEN	0500z	04Oct2023	4.6m
SUMUT NIAS BAGIAN TIMUR	0502z	04Oct2023	2.5m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	0502z	04Oct2023	3.3m
SUMUT NIAS-SELATAN PULAU NIAS	0504z	04Oct2023	2.6m
NAD ACEH-BARAT	0506z	04Oct2023	7.0m
NAD NAGAN-RAYA	0506z	04Oct2023	7.5m
NAD ACEH-UTARA BAGIAN BARAT	0507z	04Oct2023	5.5m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0507z	04Oct2023	1.7m
NAD KOTA-LHOKSEUMAWA	0512z	04Oct2023	5.3m
NAD ACEH-SELATAN BAGIAN UTARA	0514z	04Oct2023	3.6m
SUMUT NIAS-SELATAN PULAU TANABALA	0522z	04Oct2023	1.7m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	0522z	04Oct2023	1.1m
NAD ACEH-BARAT-DAYA	0524z	04Oct2023	6.6m
NAD ACEH-UTARA BAGIAN TIMUR	0531z	04Oct2023	6.5m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0548z	04Oct2023	0.8m
NAD ACEH-SELATAN BAGIAN SELATAN	0552z	04Oct2023	4.2m
NAD ACEH-TIMUR	0554z	04Oct2023	4.8m
NAD ACEH-SINGKIL	0631z	04Oct2023	3.0m
SUMUT TAPANULI-TENGAH BAGIAN UTARA	0632z	04Oct2023	1.0m
SUMUT MANDAILING-NATAL BAGIAN UTARA	0654z	04Oct2023	1.4m

SUMUT TAPANULI-SELATAN	0707z	04Oct2023	1.8m
SUMUT TAPANULI-TENGAH KEP. MURSALA	0713z	04Oct2023	1.3m
NAD KOTA-LANGSA	0718z	04Oct2023	5.5m
NAD ACEH-TAMIAN	0733z	04Oct2023	4.5m
LAMPUNG TANGGAMUS BAGIAN BARAT	0738z	04Oct2023	1.7m
SUMUT TAPANULI-TENGAH BAGIAN SELATAN	0743z	04Oct2023	1.3m
SUMBAR KOTA-PADANG BAGIAN UTARA	0802z	04Oct2023	1.5m
SUMUT LANGKAT	0818z	04Oct2023	2.7m
SUMUT NIAS-SELATAN PULAU PINI	0833z	04Oct2023	1.6m
SUMUT KOTA-MEDAN	0842z	04Oct2023	3.4m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0856z	04Oct2023	1.4m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0902z	04Oct2023	1.6m
SUMUT DELISERDANG	0903z	04Oct2023	1.3m
SUMUT SERDANG-BEDAGAI	0914z	04Oct2023	1.6m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0919z	04Oct2023	1.4m
LAMPUNG TANGGAMUS PULAU TABUAN	0919z	04Oct2023	0.6m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0920z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0923z	04Oct2023	1.2m
SUMBAR PASAMAN-BARAT	0940z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0947z	04Oct2023	1.4m
BENGKULU MUKOMUKO	0949z	04Oct2023	1.1m
BENGKULU SELUMA	0949z	04Oct2023	1.3m
BENGKULU KAUR	0949z	04Oct2023	1.2m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0949z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0952z	04Oct2023	1.3m
JABAR SUKABUMI PELABUHAN-RATU	1006z	04Oct2023	1.2m
BANTEN PANDEGLANG BAGIAN SELATAN	1006z	04Oct2023	1.0m
SUMUT KOTA-SIBOLGA	1008z	04Oct2023	1.9m
JABAR SUKABUMI UJUNG-GENTENG	1010z	04Oct2023	1.0m
SUMUT ASAHAN	1011z	04Oct2023	1.4m
SUMBAR KOTA-PADANG BAGIAN SELATAN	1014z	04Oct2023	1.1m
BANTEN PANDEGLANG PULAU PANAITAN	1019z	04Oct2023	0.7m
JABAR CIANJUR SINDANGBARANG	1022z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1037z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	1049z	04Oct2023	1.4m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	1123z	04Oct2023	0.8m
SUMBAR PESISIR-SELATAN BAGIAN UTARA	1125z	04Oct2023	0.7m
SUMUT MANDAILING-NATAL BAGIAN SELATAN	1126z	04Oct2023	1.4m
BANTEN LEBAK	1129z	04Oct2023	1.1m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	1131z	04Oct2023	0.7m
JATIM PACITAN	1135z	04Oct2023	0.8m
JABAR GARUT	1141z	04Oct2023	0.7m
SUMUT LABUHANBATU	1146z	04Oct2023	0.9m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	1147z	04Oct2023	0.7m
JATENG CILACAP	1148z	04Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN UTARA	1149z	04Oct2023	0.7m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1208z	04Oct2023	0.9m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	1210z	04Oct2023	0.7m
JATENG KEBUMEN	1211z	04Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1221z	04Oct2023	0.9m
SUMBAR AGAM	1224z	04Oct2023	0.7m
JATENG PURWOREJO	1231z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	1231z	04Oct2023	0.6m
JABAR TASIKMALAYA	1236z	04Oct2023	0.8m
BANTEN SERANG BAGIAN BARAT	1255z	04Oct2023	0.6m
SUMBAR KOTA-PARIAMAN	1257z	04Oct2023	0.7m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	1257z	04Oct2023	0.6m
JATIM TRENGGALEK	1306z	04Oct2023	0.7m
NTB LOMBOK-BARAT BAGIAN SELATAN	1311z	04Oct2023	0.5m
BENGKULU BENGKULU-SELATAN	1335z	04Oct2023	1.2m
DIY GUNUNG-KIDUL	1347z	04Oct2023	0.7m
DIY BANTUL	1347z	04Oct2023	0.9m
NTB DOMPU BAGIAN SELATAN	1348z	04Oct2023	0.6m
DIY KULON-PROGO	1355z	04Oct2023	0.5m
JATIM BLITAR	1407z	04Oct2023	0.7m
JABAR CIAMIS	1414z	04Oct2023	0.9m
RIAU ROKAN-HILIR	1429z	04Oct2023	0.6m
NTB LOMBOK-TENGAH	1432z	04Oct2023	0.7m

NTB LOMBOK-TIMUR BAGIAN SELATAN	1432z	04Oct2023	0.6m
JATIM JEMBER	1443z	04Oct2023	0.5m
JATIM LUMAJANG	1447z	04Oct2023	0.7m
BANTEN KOTA-CILEGON PULAU SANGIA	1450z	04Oct2023	0.5m
JATENG WONOGIRI	1459z	04Oct2023	0.8m
JATIM TULUNGAGUNG	1502z	04Oct2023	0.5m
JATIM MALANG	1506z	04Oct2023	0.5m
BALI BADUNG PANTAI-KUTA	1515z	04Oct2023	0.5m
BANTEN KOTA-CILEGON	1520z	04Oct2023	0.5m
JATIM JEMBER PULAU NUSABARUNG	1542z	04Oct2023	0.5m

IRAN

PUSHT	1205z	04Oct2023	0.6m
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KENYA

KIWAYU	1211z	04Oct2023	1.2m
KIPINI	1237z	04Oct2023	1.1m
MALINDI	1237z	04Oct2023	1.2m
TAKAUNGU	1239z	04Oct2023	1.4m
MVULENI	1239z	04Oct2023	1.2m
KISIMACHANDE	1241z	04Oct2023	1.3m

MADAGASCAR

VOHEMAR	1131z	04Oct2023	1.2m
ANOROTSANGANA	1151z	04Oct2023	0.7m
TAMPOLO	1203z	04Oct2023	0.8m
AMBAHY	1214z	04Oct2023	0.8m
FARAFAGANA	1215z	04Oct2023	1.3m
MANANTENINA	1227z	04Oct2023	0.8m
SAMPONA	1304z	04Oct2023	0.8m
TOAMASINA AIRPORT	1401z	04Oct2023	0.6m
GLORIOSO ISLANDS	1455z	04Oct2023	0.6m

MALAYSIA

SATUN	0728z	04Oct2023	2.4m
YAN	0729z	04Oct2023	1.6m
WEST OF ALOR SETAR	0739z	04Oct2023	1.6m
SEBERANG PERAI SELATAN	0759z	04Oct2023	2.6m
SEBERANG PERAI UTARA AND BARAT DAYA	0801z	04Oct2023	2.2m
KERIAN	0817z	04Oct2023	1.9m
LARUT AND MATANG	0825z	04Oct2023	1.9m
KUALA MUDA	0827z	04Oct2023	1.4m
MANJUNG	0838z	04Oct2023	1.9m
HILIR PERAK	0953z	04Oct2023	1.3m
SABAK BERNAM	1124z	04Oct2023	1.0m
KUALA SELANGOR	1220z	04Oct2023	0.7m

MALDIVES

MALE	0705z	04Oct2023	7.7m
KULHUDUFFUSHI	0707z	04Oct2023	4.5m
KOLHUFUSHI	0707z	04Oct2023	7.4m
DHIYAMIGILI	0708z	04Oct2023	9.5m
THINADHOO	0709z	04Oct2023	4.6m
HITHADHOO	0713z	04Oct2023	5.2m
GOIDHOO	0720z	04Oct2023	2.6m
NILANDHOO	0725z	04Oct2023	5.0m
FERIDHOO	0726z	04Oct2023	3.3m

MAURITIUS

LA FERME	0950z	04Oct2023	1.5m
CARGADOS CARAJOS	1021z	04Oct2023	1.7m
AGALEGA ISLAND	1024z	04Oct2023	0.8m
GRANDE REVIERE SUD EST-EAST	1039z	04Oct2023	1.3m
GRANDE REVIERE SUD EST-WEST	1207z	04Oct2023	0.7m

MOZAMBIQUE

MAGANJA	1245z	04Oct2023	1.1m
QUITERAJO	1300z	04Oct2023	0.7m
TAVARI	1302z	04Oct2023	0.5m
PEMBA	1302z	04Oct2023	0.7m
MERONVI	1305z	04Oct2023	0.9m
MECUFI	1308z	04Oct2023	1.0m
NANGATA	1309z	04Oct2023	0.8m
LURIO	1310z	04Oct2023	0.7m
MINHAUINE	1315z	04Oct2023	1.1m
MURREBUE	1515z	04Oct2023	0.6m

MYANMAR

PREPARIS ISLAND	0524z	04Oct2023	2.1m
LITTLE COCO ISLAND	0528z	04Oct2023	2.1m
THAN KYUN	0535z	04Oct2023	5.3m
GREAT WESTERN TORRES ISLAND	0536z	04Oct2023	2.2m
LORD LOUGHBOROUGH ISLAND	0538z	04Oct2023	3.9m
KYWEGYAUNG	0550z	04Oct2023	1.7m
CHEDUBA ISLAND	0559z	04Oct2023	1.7m
MAGYIGYAING	0601z	04Oct2023	2.4m
MAWYEN	0604z	04Oct2023	1.5m
KYAUKPYU	0621z	04Oct2023	1.6m
THAWINCHAUNG	0625z	04Oct2023	1.5m
SITTWE	0627z	04Oct2023	2.1m
PHARPON	0704z	04Oct2023	1.5m
MALI KYUN	0712z	04Oct2023	1.8m
YANGON-S	0735z	04Oct2023	1.3m
YE	0744z	04Oct2023	1.3m

OMAN

AD DUQM	1035z	04Oct2023	0.7m
HASIK	1057z	04Oct2023	0.9m
SALALAH	1058z	04Oct2023	1.1m
MIRBAT	1103z	04Oct2023	1.3m
AL ASHKHARAH	1109z	04Oct2023	0.9m
TAQAH	1109z	04Oct2023	1.2m
AL JAZER	1112z	04Oct2023	0.6m
QURAYYAT	1123z	04Oct2023	0.7m
RAS AR RUWAYS	1249z	04Oct2023	0.6m
SUR	1318z	04Oct2023	0.8m

PAKISTAN

ORMARA	1140z	04Oct2023	0.7m
KARACHI	1221z	04Oct2023	0.7m

SEYCHELLES

FREGATE ISLAND	1010z	04Oct2023	2.1m
COETIVY ISLAND	1018z	04Oct2023	1.8m

ILE DESROCHES	1043z	04Oct2023	1.2m
ALPHONSE ISLAND	1057z	04Oct2023	0.8m
TAKAMAKA	1108z	04Oct2023	2.1m
FARQUHAR GROUP	1112z	04Oct2023	1.0m
ALDABRA	1150z	04Oct2023	0.8m
ASTOVE ISLAND	1345z	04Oct2023	0.7m

SOMALIA

BANDER-BEYLA	1104z	04Oct2023	2.3m
EYL	1109z	04Oct2023	3.7m
TOOXIN	1110z	04Oct2023	2.5m
GALDOGOB	1114z	04Oct2023	2.7m
JARIIBAN	1116z	04Oct2023	2.9m
XARARDHEERE	1122z	04Oct2023	2.9m
CEEL DHEER	1123z	04Oct2023	2.8m
ITALA	1124z	04Oct2023	1.9m
MAREEG	1125z	04Oct2023	1.7m
ABO	1129z	04Oct2023	1.4m
UARSCIECH	1131z	04Oct2023	1.7m
MUQDISHO	1136z	04Oct2023	1.6m
BEYNAX BARRE	1143z	04Oct2023	2.0m
BARAAWE	1148z	04Oct2023	1.8m
JILIB	1157z	04Oct2023	1.8m
TURDHO	1159z	04Oct2023	1.9m
NE BEERNAASI	1202z	04Oct2023	1.9m
KAAMBOONI	1210z	04Oct2023	1.6m
QANDALA	1247z	04Oct2023	0.6m

SOUTH AFRICA

GWABALANDA HITAWI	1511z	04Oct2023	0.5m
ABORETUM	1528z	04Oct2023	0.5m
MARSHSTRAND	1537z	04Oct2023	0.5m
ZIKHOVA	1539z	04Oct2023	0.5m
PEDDIE	1546z	04Oct2023	0.5m

SRI LANKA

BATTICALOA	0538z	04Oct2023	9.0m
AKKARAI PATTU	0539z	04Oct2023	7.1m
KIRINDA	0542z	04Oct2023	9.5m
ANAITIVU	0545z	04Oct2023	3.9m
KATTANKUDI	0545z	04Oct2023	8.2m
PANKULAM	0545z	04Oct2023	5.6m
OKANDA	0546z	04Oct2023	11.5m
POTTUVIL	0547z	04Oct2023	9.6m
MULLAITTIVU	0550z	04Oct2023	6.7m
TANGALLE	0555z	04Oct2023	7.0m
MATARA	0557z	04Oct2023	7.8m
HAMBANTOTA	0559z	04Oct2023	9.5m
CHUNDIKKULAM	0605z	04Oct2023	4.2m
AMBALANGODA	0606z	04Oct2023	4.2m
GALLE	0606z	04Oct2023	6.6m
CHAVAKACHCHERI	0612z	04Oct2023	4.5m
POINT PEDRO	0613z	04Oct2023	4.6m
BERUWALA	0619z	04Oct2023	3.9m
COLOMBO	0620z	04Oct2023	3.3m
MORATUWA	0623z	04Oct2023	4.1m
NEGOMBO	0627z	04Oct2023	2.9m
MUNDAL LAKE	0632z	04Oct2023	2.9m
MANNAR ISLAND	0637z	04Oct2023	2.0m
MUSALI	0654z	04Oct2023	1.6m

TANZANIA

VUMBA	1233z	04Oct2023	0.8m
VUMBI	1234z	04Oct2023	0.8m
ZANZIBAR	1238z	04Oct2023	1.0m
JIMBO	1241z	04Oct2023	0.8m
GAZIJA	1243z	04Oct2023	1.0m
SONGO SONGO ISLAND	1244z	04Oct2023	0.9m
KUTANI	1246z	04Oct2023	1.1m
MADANGWA	1246z	04Oct2023	1.7m
RUVU	1247z	04Oct2023	0.9m
MSASANI	1254z	04Oct2023	0.6m
BOMALANDNI	1341z	04Oct2023	0.8m
WEST TO KONDE	1344z	04Oct2023	0.9m

THAILAND

THAI MUEANG	0532z	04Oct2023	8.6m
KO RACHA NOI	0539z	04Oct2023	5.4m
KOH SURIN TAI	0544z	04Oct2023	6.7m
KOH LANTA YAI	0615z	04Oct2023	2.5m
THAI MUEANG_TAKUA PA	0619z	04Oct2023	8.1m
KOH ROK	0620z	04Oct2023	2.5m
MUEANG SATUN	0625z	04Oct2023	2.4m
KOH TARUTAO	0739z	04Oct2023	3.5m

UNITED KINGDOM

MORESBY ISLAND	0734z	04Oct2023	4.2m
DIEGO GARCIA	0738z	04Oct2023	3.0m
NW EGMONT ISLAND	0757z	04Oct2023	2.3m

YEMEN

DAMQAWT	1101z	04Oct2023	1.2m
AL GHAYDAH AIRPORT	1108z	04Oct2023	1.3m
SOCOTRA ISLAND NORTH	1114z	04Oct2023	1.2m
SOCOTRA ISLAND SOUTH	1115z	04Oct2023	2.0m
HUSWAYN	1118z	04Oct2023	1.4m
SOCOTRA ISLAND WEST	1120z	04Oct2023	0.9m
ALQUMRAH	1144z	04Oct2023	0.9m
MASILAH WADI	1302z	04Oct2023	0.8m
HAMI	1309z	04Oct2023	0.5m
HARRAH	1314z	04Oct2023	0.5m
AL MUKALLA	1349z	04Oct2023	0.7m

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 IOTWMS-TSP INDONESIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (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://rtsp.bmkg.go.id/publicbull.php>
<https://www.bmkg.go.id>
<https://inatews.bmkg.go.id>
E-Mail: inartsp@bmkg.go.id
monitrtwp@bmkg.go.id

END OF BULLETIN

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BULLETIN 11

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TSP-InaTEWS-20231004-1200-011

TSUNAMI BULLETIN NUMBER 11 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 1200 UTC, Oct 04, 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION (updated)

IOTWMS-TSP INDONESIA has detected an earthquake with the following details:

Magnitude : 9.0 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

2. EVALUATION

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

LOCATION	COUNTRIES	LAT	LON	TIME (UTC)	DATE	AMPL (m)
Campbell Bay	INDIA	7.00N	93.93E	0429z UTC	4 Oct 2023	6.0m
Sabang	INDONESIA	5.83N	95.33E	0430z UTC	4 Oct 2023	3.7m
Port Blair	INDIA	11.68N	92.76E	0439z UTC	4 Oct 2023	3.6m
DART 23227	INDIA	6.26N	88.79E	0441z UTC	4 Oct 2023	2.6m
Nancowry	INDIA	8.05N	93.55E	0508z UTC	4 Oct 2023	8.5m
Telukdalam	INDONESIA	0.55N	97.82E	0508z UTC	4 Oct 2023	2.0m
Meulaboh	INDONESIA	4.13N	96.13E	0514z UTC	4 Oct 2023	9.1m
DART 23218	INDIA	10.17N	88.50E	0516z UTC	4 Oct 2023	0.5m
Tanahbala	INDONESIA	0.53S	98.50E	0530z UTC	4 Oct 2023	1.1m
Ko Miang	THAILAND	8.55N	97.63E	0539z UTC	4 Oct 2023	3.3m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0541z UTC	4 Oct 2023	2.3m
Trincomalee	SRI LANKA	8.56N	81.20E	0547z UTC	4 Oct 2023	4.8m
Haing Gyi Kyun	MYANMAR	16.00N	94.32E	0611z UTC	4 Oct 2023	3.6m
Enggano	INDONESIA	5.35S	102.28E	0612z UTC	4 Oct 2023	0.9m
Padang	INDONESIA	0.95S	100.37E	0614z UTC	4 Oct 2023	0.8m
Chennai	INDIA	13.10N	80.30E	0620z UTC	4 Oct 2023	6.1m
Pulau Perak	MALAYSIA	5.68N	98.94E	0624z UTC	4 Oct 2023	2.5m
Cocos Island	AUSTRALIA	12.12S	96.89E	0626z UTC	4 Oct 2023	1.2m
Visakhapatnam	INDIA	17.68N	83.28E	0629z UTC	4 Oct 2023	4.0m
Colombo	SRI LANKA	6.95N	79.85E	0632z UTC	4 Oct 2023	4.0m
Seblat	INDONESIA	3.22S	101.60E	0634z UTC	4 Oct 2023	1.6m
Christmas Island	AUSTRALIA	10.43N	105.67E	0645z UTC	4 Oct 2023	1.4m
Sibolga	INDONESIA	1.73N	98.80E	0645z UTC	4 Oct 2023	2.8m
Sittwe	MYANMAR	20.15N	92.90E	0646z UTC	4 Oct 2023	2.2m
Gan	MALDIVE	0.69S	73.15E	0712z UTC	4 Oct 2023	5.6m
Hanimadhoo	MALDIVE	6.77N	73.17E	0718z UTC	4 Oct 2023	4.6m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0719z UTC	4 Oct 2023	0.8m
DART 23223	INDIA	17.33N	89.48E	0721z UTC	4 Oct 2023	0.5m
Kirinda	SRI LANKA	6.20N	81.32E	0721z UTC	4 Oct 2023	4.5m
Minicoy	INDIA	8.28N	73.05E	0724z UTC	4 Oct 2023	2.0m
Sebesi Island	INDONESIA	5.94S	105.51E	0726z UTC	4 Oct 2023	0.7m
Langkawi	MALAYSIA	6.42N	99.77E	0728z UTC	4 Oct 2023	1.1m

Marina Jambu	INDONESIA	6.19S	105.84E	0729z	UTC	4 Oct 2023	0.8m
Porto Malai	MALAYSIA	6.26N	99.73E	0730z	UTC	4 Oct 2023	4.4m
Pangandaran	INDONESIA	7.75S	108.50E	0736z	UTC	4 Oct 2023	0.9m
Diego Garcia	UK	7.29S	72.39E	0739z	UTC	4 Oct 2023	3.1m
Cilacap	INDONESIA	7.75S	109.00E	0741z	UTC	4 Oct 2023	1.3m
Sadeng	INDONESIA	8.19S	110.80E	0747z	UTC	4 Oct 2023	0.9m
Pacitan	INDONESIA	8.27S	111.37E	0754z	UTC	4 Oct 2023	0.9m
Prigi	INDONESIA	8.28S	111.73E	0758z	UTC	4 Oct 2023	0.8m
Popoh	INDONESIA	8.26S	111.80E	0800z	UTC	4 Oct 2023	0.8m
Cuddalore	INDIA	11.71N	79.78E	0801z	UTC	4 Oct 2023	4.3m
Cochin	INDIA	9.96N	76.26E	0817z	UTC	4 Oct 2023	2.4m
Benoa	INDONESIA	8.77S	115.22E	0831z	UTC	4 Oct 2023	0.4m
Lembar	INDONESIA	8.73S	116.07E	0854z	UTC	4 Oct 2023	0.3m
Muncar Banyuwangi	INDONESIA	8.44S	114.35E	0855z	UTC	4 Oct 2023	0.3m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0924z	UTC	4 Oct 2023	1.1m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0940z	UTC	4 Oct 2023	0.7m
Rote	INDONESIA	10.71S	123.06E	0942z	UTC	4 Oct 2023	0.3m
Marmagao	INDIA	15.41N	73.80E	0948z	UTC	4 Oct 2023	1.5m
Rodrigues	MAURITIUS	19.68S	63.42E	0950z	UTC	4 Oct 2023	3.3m
Denis Island	SEYCHELLES	3.80S	55.67E	1005z	UTC	4 Oct 2023	1.5m
Agalega	MAURITIUS	10.35S	56.59E	1019z	UTC	4 Oct 2023	1.4m
Blue Bay	MAURITIUS	20.44S	57.71E	1030z	UTC	4 Oct 2023	0.8m
DART 23226	INDIA	20.20N	67.33E	1034z	UTC	4 Oct 2023	0.1m
Chittagong	BANGLADESH	22.33N	91.83E	1044z	UTC	4 Oct 2023	2.9m
Pt.Louis	MAURITIUS	20.16S	57.50E	1044z	UTC	4 Oct 2023	0.7m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	1046z	UTC	4 Oct 2023	0.7m
Salalah	OMAN	16.93N	54.01E	1052z	UTC	4 Oct 2023	1.7m
Gwadar	PAKISTAN	25.11N	62.34E	1058z	UTC	4 Oct 2023	0.8m
Geraldton	AUSTRALIA	28.76S	114.56E	1100z	UTC	4 Oct 2023	1.3m
Veeraval	INDIA	20.90N	70.36E	1104z	UTC	4 Oct 2023	0.4m
Muscat	OMAN	23.63N	58.57E	1105z	UTC	4 Oct 2023	0.9m
Duqm	OMAN	19.66N	57.72E	1109z	UTC	4 Oct 2023	1.7m
Jask	IRAN	25.63N	57.77E	1130z	UTC	4 Oct 2023	0.4m
Khawr Wudam	OMAN	23.87N	57.52E	1137z	UTC	4 Oct 2023	0.3m
Majis	OMAN	24.52N	56.61E	1143z	UTC	4 Oct 2023	0.3m
Toamasina	MADAGASCAR	18.15S	49.43E	1149z	UTC	4 Oct 2023	0.9m
Keti Bandar	PAKISTAN	24.13N	67.43E	1151z	UTC	4 Oct 2023	0.6m
Broome	AUSTRALIA	18.00S	122.22E	1156z	UTC	4 Oct 2023	0.2m

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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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	0628z	04Oct2023	1.3m
CHRISTMAS ISLAND	0959z	04Oct2023	1.1m

IOC Technical Series, 181 (I) Supplement 1
page 342

GASCOYNE COAST	1006z	04Oct2023	1.1m
LEEUEWIN COAST	1136z	04Oct2023	0.8m
PILBARA COAST WEST	1149z	04Oct2023	0.8m
NINGALOO COAST	1201z	04Oct2023	0.7m
GERALDTON COAST	1214z	04Oct2023	0.6m
PILBARA COAST EAST	1320z	04Oct2023	0.5m
BUNBURY GEOGRAPHE COAST	1412z	04Oct2023	0.6m
LANCELIN COAST	1414z	04Oct2023	0.7m
HEARD ISLAND AND MCDONALD ISLANDS	1421z	04Oct2023	1.6m
AURORA BANK	1502z	04Oct2023	0.9m

BANGLADESH

COXS BAZAR	0657z	04Oct2023	1.6m
KUTUBDIA ISLAND	0707z	04Oct2023	1.6m
BARGUNA	0736z	04Oct2023	1.8m
CHALNA	0802z	04Oct2023	1.4m

COMOROS

BAMBAO	1219z	04Oct2023	0.6m
CHEZANI	1224z	04Oct2023	0.8m
FOMBONI	1231z	04Oct2023	1.1m
DZAOUDZI	1333z	04Oct2023	0.7m

FRANCE

SAINT-DENIS	1130z	04Oct2023	0.6m
ILE SAINT-PAUL-NORTH	1132z	04Oct2023	1.0m
ILE SAINT-PAUL-SOUTH	1145z	04Oct2023	0.9m
ILE DE LA POSSESSION	1322z	04Oct2023	1.1m
NES CROZET	1329z	04Oct2023	0.9m
CROZET PLATEAU	1349z	04Oct2023	0.7m
ILE KERGUELEN	1358z	04Oct2023	0.6m

INDIA

CAR NICOBAR	0403z	04Oct2023	12.8m
KOMATRA AND KATCHAL ISLAND	0404z	04Oct2023	15.1m
INDIRA POINT	0408z	04Oct2023	12.7m
LITTLE ANDAMAN	0411z	04Oct2023	6.8m
NORTH SENTINEL ISLAND	0426z	04Oct2023	4.4m
PORT BLAIR	0433z	04Oct2023	3.7m
HAVELOCK	0449z	04Oct2023	4.0m
WEST AND LANDFALL ISLAND	0455z	04Oct2023	2.6m
BARREN ISLAND	0455z	04Oct2023	2.2m
FLAT ISLAND	0456z	04Oct2023	3.7m
RANGATH BAY	0500z	04Oct2023	3.8m
DIGLIPUR	0511z	04Oct2023	2.9m
NARCONDAM ISLAND	0543z	04Oct2023	1.7m
MARAKKANAM	0604z	04Oct2023	3.6m
CUDDALORE	0606z	04Oct2023	3.9m
PUDUCHERRY	0607z	04Oct2023	3.8m
ENNORE	0609z	04Oct2023	4.0m
KAKINADA	0610z	04Oct2023	3.7m
SRIHARIKOTA	0610z	04Oct2023	3.2m
MACHILIPATNAM	0611z	04Oct2023	3.1m
MAHABALIPURAM	0611z	04Oct2023	5.2m
POOMBHAR	0612z	04Oct2023	3.9m
NAGAPATTINAM	0612z	04Oct2023	3.9m
PERUPALEM	0614z	04Oct2023	3.2m
NIJAMPATTANAM	0614z	04Oct2023	4.4m
CHENNAI	0614z	04Oct2023	4.1m
KARAIKAL	0616z	04Oct2023	3.8m

PURI	0617z	04Oct2023	2.7m
KOTTAPATNAM	0617z	04Oct2023	3.6m
MALLIPATTINAM	0617z	04Oct2023	4.8m
MUTHUPET	0618z	04Oct2023	4.2m
PARADIP	0619z	04Oct2023	2.6m
KALINGAPATNAM	0619z	04Oct2023	3.4m
KONADA	0620z	04Oct2023	2.7m
VISAKHAPATNAM	0621z	04Oct2023	3.1m
GOPALPUR	0627z	04Oct2023	3.8m
JAMBOO	0632z	04Oct2023	2.0m
TUTICORIN	0645z	04Oct2023	2.2m
RAMESWARAM	0654z	04Oct2023	2.1m
KOTTTAIPPATTANAM	0654z	04Oct2023	2.7m
DHAMRA	0655z	04Oct2023	1.6m
HEMNAGAR	0703z	04Oct2023	1.6m
KOODANKULAM	0705z	04Oct2023	3.0m
NAMKHANA	0710z	04Oct2023	1.9m
CHANDIPUR	0712z	04Oct2023	1.9m
DIGHA	0714z	04Oct2023	1.6m
KANYAKUMARI	0716z	04Oct2023	4.0m
TRIVANDRUM	0720z	04Oct2023	2.6m
QUILON	0720z	04Oct2023	2.4m
ALLEPPEY ALAPPUZHA	0728z	04Oct2023	1.9m
MINICOY	0728z	04Oct2023	1.6m
ANDROTH	0739z	04Oct2023	1.1m
KAVARATTI	0751z	04Oct2023	1.2m
AMINI	0758z	04Oct2023	1.1m
VADANAPPALLY	0801z	04Oct2023	1.4m
AGATTI	0802z	04Oct2023	1.3m
COCHIN	0804z	04Oct2023	2.0m
VAKKAD	0808z	04Oct2023	1.4m
BEYPORE	0821z	04Oct2023	1.3m
KANNUR	0831z	04Oct2023	1.3m
MAHE	0832z	04Oct2023	0.8m
KASARAGOD	0835z	04Oct2023	1.2m
KARWAR	0926z	04Oct2023	0.9m
MALVAN BAY	0952z	04Oct2023	0.6m
VASCO	0957z	04Oct2023	0.7m
PANAJI	0958z	04Oct2023	0.8m
JAIGARH	1014z	04Oct2023	0.7m
UDUPI	1031z	04Oct2023	1.0m
MANGALORE	1100z	04Oct2023	1.1m
ALIBAG PORT	1459z	04Oct2023	0.5m

INDONESIA

NAD ACEH-BESAR PULAU BREUEH	0421z	04Oct2023	14.0m
NAD KOTA-SABANG PULAU RONDO	0423z	04Oct2023	3.5m
NAD KOTA-SABANG PULAU WEH	0426z	04Oct2023	7.7m
NAD ACEH-BESAR PULAU PENAS	0431z	04Oct2023	17.0m
NAD ACEH-BESAR BAGIAN BARAT	0434z	04Oct2023	16.3m
NAD ACEH-JAYA	0435z	04Oct2023	8.7m
NAD ACEH-BESAR BAGIAN UTARA	0437z	04Oct2023	5.7m
NAD SIMEULUE PULAU SIMEULUE	0439z	04Oct2023	4.3m
NAD KOTA-BANDA-ACEH	0443z	04Oct2023	18.1m
NAD PIDIE	0444z	04Oct2023	9.7m
SUMUT NIAS BAGIAN BARAT	0454z	04Oct2023	2.7m
NAD BIREUEN	0500z	04Oct2023	4.6m
SUMUT NIAS BAGIAN TIMUR	0502z	04Oct2023	2.5m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	0502z	04Oct2023	3.3m
SUMUT NIAS-SELATAN PULAU NIAS	0504z	04Oct2023	2.6m
NAD ACEH-BARAT	0506z	04Oct2023	7.0m
NAD NAGAN-RAYA	0506z	04Oct2023	7.5m
NAD ACEH-UTARA BAGIAN BARAT	0507z	04Oct2023	5.5m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0507z	04Oct2023	1.7m
NAD KOTA-LHOKSEUMAWA	0512z	04Oct2023	5.3m
NAD ACEH-SELATAN BAGIAN UTARA	0514z	04Oct2023	3.6m

SUMUT NIAS-SELATAN PULAU TANABALA	0522z	04Oct2023	1.7m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	0522z	04Oct2023	1.1m
NAD ACEH-BARAT-DAYA	0524z	04Oct2023	6.6m
NAD ACEH-UTARA BAGIAN TIMUR	0531z	04Oct2023	6.5m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0548z	04Oct2023	0.8m
NAD ACEH-SELATAN BAGIAN SELATAN	0552z	04Oct2023	4.2m
NAD ACEH-TIMUR	0554z	04Oct2023	4.8m
NAD ACEH-SINGKIL	0631z	04Oct2023	3.0m
SUMUT TAPANULI-TENGAH BAGIAN UTARA	0632z	04Oct2023	1.0m
SUMUT MANDAILING-NATAL BAGIAN UTARA	0654z	04Oct2023	1.4m
SUMUT TAPANULI-SELATAN	0707z	04Oct2023	1.8m
SUMUT TAPANULI-TENGAH KEP. MURSALA	0713z	04Oct2023	1.3m
NAD KOTA-LANGSA	0718z	04Oct2023	5.5m
NAD ACEH-TAMIANG	0733z	04Oct2023	4.5m
LAMPUNG TANGGAMUS BAGIAN BARAT	0738z	04Oct2023	1.7m
SUMUT TAPANULI-TENGAH BAGIAN SELATAN	0743z	04Oct2023	1.3m
SUMBAR KOTA-PADANG BAGIAN UTARA	0802z	04Oct2023	1.5m
SUMUT LANGKAT	0818z	04Oct2023	2.7m
SUMUT NIAS-SELATAN PULAU PINI	0833z	04Oct2023	1.6m
SUMUT KOTA-MEDAN	0842z	04Oct2023	3.4m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0856z	04Oct2023	1.4m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0902z	04Oct2023	1.6m
SUMUT DELISERDANG	0903z	04Oct2023	1.3m
SUMUT SERDANG-BEDAGAI	0914z	04Oct2023	1.6m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0919z	04Oct2023	1.4m
LAMPUNG TANGGAMUS PULAU TABUAN	0919z	04Oct2023	0.6m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0920z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0923z	04Oct2023	1.2m
SUMBAR PASAMAN-BARAT	0940z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0947z	04Oct2023	1.4m
BENGKULU MUKOMUKO	0949z	04Oct2023	1.1m
BENGKULU SELUMA	0949z	04Oct2023	1.3m
BENGKULU KAUR	0949z	04Oct2023	1.2m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0949z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0952z	04Oct2023	1.3m
JABAR SUKABUMI PELABUHAN-RATU	1006z	04Oct2023	1.2m
BANTEN PANDEGLANG BAGIAN SELATAN	1006z	04Oct2023	1.0m
SUMUT KOTA-SIBOLGA	1008z	04Oct2023	1.9m
JABAR SUKABUMI UJUNG-GENTENG	1010z	04Oct2023	1.0m
SUMUT ASAHAN	1011z	04Oct2023	1.4m
SUMBAR KOTA-PADANG BAGIAN SELATAN	1014z	04Oct2023	1.1m
BANTEN PANDEGLANG PULAU PANAITAN	1019z	04Oct2023	0.7m
JABAR CIANJUR SINDANGBARANG	1022z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1037z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	1049z	04Oct2023	1.4m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	1123z	04Oct2023	0.8m
SUMBAR PESISIR-SELATAN BAGIAN UTARA	1125z	04Oct2023	0.7m
SUMUT MANDAILING-NATAL BAGIAN SELATAN	1126z	04Oct2023	1.4m
BANTEN LEBAK	1129z	04Oct2023	1.1m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	1131z	04Oct2023	0.7m
JATIM PACITAN	1135z	04Oct2023	0.8m
JABAR GARUT	1141z	04Oct2023	0.7m
SUMUT LABUHANBATU	1146z	04Oct2023	0.9m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	1147z	04Oct2023	0.7m
JATENG CILACAP	1148z	04Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN UTARA	1149z	04Oct2023	0.7m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1208z	04Oct2023	0.9m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	1210z	04Oct2023	0.7m
JATENG KEBUMEN	1211z	04Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1221z	04Oct2023	0.9m
SUMBAR AGAM	1224z	04Oct2023	0.7m
JATENG PURWOREJO	1231z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	1231z	04Oct2023	0.6m
JABAR TASIKMALAYA	1236z	04Oct2023	0.8m
BANTEN SERANG BAGIAN BARAT	1255z	04Oct2023	0.6m
SUMBAR KOTA-PARIAMAN	1257z	04Oct2023	0.7m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	1257z	04Oct2023	0.6m
JATIM TRENGGALEK	1306z	04Oct2023	0.7m

NTB LOMBOK-BARAT BAGIAN SELATAN	1311z	04Oct2023	0.5m
BENGKULU BENGKULU-SELATAN	1335z	04Oct2023	1.2m
DIY GUNUNG-KIDUL	1347z	04Oct2023	0.7m
DIY BANTUL	1347z	04Oct2023	0.9m
NTB DOMPU BAGIAN SELATAN	1348z	04Oct2023	0.6m
DIY KULON-PROGO	1355z	04Oct2023	0.5m
JATIM BLITAR	1407z	04Oct2023	0.7m
JABAR CIAMIS	1414z	04Oct2023	0.9m
RIAU ROKAN-HILIR	1429z	04Oct2023	0.6m
NTB LOMBOK-TENGAH	1432z	04Oct2023	0.7m
NTB LOMBOK-TIMUR BAGIAN SELATAN	1432z	04Oct2023	0.6m
JATIM JEMBER	1443z	04Oct2023	0.5m
JATIM LUMAJANG	1447z	04Oct2023	0.7m
BANTEN KOTA-CILEGON PULAU SANGIA	1450z	04Oct2023	0.5m
JATENG WONOGIRI	1459z	04Oct2023	0.8m
JATIM TULUNGAGUNG	1502z	04Oct2023	0.5m
JATIM MALANG	1506z	04Oct2023	0.5m
BALI BADUNG PANTAI-KUTA	1515z	04Oct2023	0.5m
BANTEN KOTA-CILEGON	1520z	04Oct2023	0.5m
JATIM JEMBER PULAU NUSABARUNG	1542z	04Oct2023	0.5m

IRAN

PUSHT 1205z 04Oct2023 0.6m

KENYA

KIWAYU 1211z 04Oct2023 1.2m
KIPINI 1237z 04Oct2023 1.1m
MALINDI 1237z 04Oct2023 1.2m
TAKAUNGU 1239z 04Oct2023 1.4m
MVULENI 1239z 04Oct2023 1.2m
KISIMACHANDE 1241z 04Oct2023 1.3m

MADAGASCAR

VOHEMAR 1131z 04Oct2023 1.2m
ANOROTSANGANA 1151z 04Oct2023 0.7m
TAMPOLO 1203z 04Oct2023 0.8m
AMBAHY 1214z 04Oct2023 0.8m
FARAFAGANA 1215z 04Oct2023 1.3m
MANANTENINA 1227z 04Oct2023 0.8m
SAMPONA 1304z 04Oct2023 0.8m
TOAMASINA AIRPORT 1401z 04Oct2023 0.6m
GLORIOSO ISLANDS 1455z 04Oct2023 0.6m

MALAYSIA

SATUN 0728z 04Oct2023 2.4m
YAN 0729z 04Oct2023 1.6m
WEST OF ALOR SETAR 0739z 04Oct2023 1.6m
SEBERANG PERAI SELATAN 0759z 04Oct2023 2.6m
SEBERANG PERAI UTARA AND BARAT DAYA 0801z 04Oct2023 2.2m
KERIAN 0817z 04Oct2023 1.9m
LARUT AND MATANG 0825z 04Oct2023 1.9m
KUALA MUDA 0827z 04Oct2023 1.4m
MANJUNG 0838z 04Oct2023 1.9m
HILIR PERAK 0953z 04Oct2023 1.3m
SABAK BERNAM 1124z 04Oct2023 1.0m
KUALA SELANGOR 1220z 04Oct2023 0.7m

MALDIVES

IOC Technical Series, 181 (I) Supplement 1
page 346

MALE	0705z	04Oct2023	7.7m
KULHUDUFFUSHI	0707z	04Oct2023	4.5m
KOLHUFUSHI	0707z	04Oct2023	7.4m
DHIYAMIGILI	0708z	04Oct2023	9.5m
THINADHOO	0709z	04Oct2023	4.6m
HITHADHOO	0713z	04Oct2023	5.2m
GOIDHOO	0720z	04Oct2023	2.6m
NILANDHOO	0725z	04Oct2023	5.0m
FERIDHOO	0726z	04Oct2023	3.3m

MAURITIUS

LA FERME	0950z	04Oct2023	1.5m
CARGADOS CARAJOS	1021z	04Oct2023	1.7m
AGALEGA ISLAND	1024z	04Oct2023	0.8m
GRANDE REVIERE SUD EST-EAST	1039z	04Oct2023	1.3m
GRANDE REVIERE SUD EST-WEST	1207z	04Oct2023	0.7m

MOZAMBIQUE

MAGANJA	1245z	04Oct2023	1.1m
QUITERAJO	1300z	04Oct2023	0.7m
TAVARI	1302z	04Oct2023	0.5m
PEMBA	1302z	04Oct2023	0.7m
MERONVI	1305z	04Oct2023	0.9m
MECUFI	1308z	04Oct2023	1.0m
NANGATA	1309z	04Oct2023	0.8m
LURIO	1310z	04Oct2023	0.7m
MINHAUINE	1315z	04Oct2023	1.1m
MURREBUE	1515z	04Oct2023	0.6m

MYANMAR

PREPARIS ISLAND	0524z	04Oct2023	2.1m
LITTLE COCO ISLAND	0528z	04Oct2023	2.1m
THAN KYUN	0535z	04Oct2023	5.3m
GREAT WESTERN TORRES ISLAND	0536z	04Oct2023	2.2m
LORD LOUGHBOROUGH ISLAND	0538z	04Oct2023	3.9m
KYWEGYAUNG	0550z	04Oct2023	1.7m
CHEDUBA ISLAND	0559z	04Oct2023	1.7m
MAGYIGYAING	0601z	04Oct2023	2.4m
MAWYEN	0604z	04Oct2023	1.5m
KYAUKPYU	0621z	04Oct2023	1.6m
THAWINCHAUNG	0625z	04Oct2023	1.5m
SITTWE	0627z	04Oct2023	2.1m
PHARPON	0704z	04Oct2023	1.5m
MALI KYUN	0712z	04Oct2023	1.8m
YANGON-S	0735z	04Oct2023	1.3m
YE	0744z	04Oct2023	1.3m

OMAN

AD DUQM	1035z	04Oct2023	0.7m
HASIK	1057z	04Oct2023	0.9m
SALALAH	1058z	04Oct2023	1.1m
MIRBAT	1103z	04Oct2023	1.3m
AL ASHKHARAH	1109z	04Oct2023	0.9m
TAQAH	1109z	04Oct2023	1.2m
AL JAZER	1112z	04Oct2023	0.6m
QURAYYAT	1123z	04Oct2023	0.7m
RAS AR RUWAYS	1249z	04Oct2023	0.6m
SUR	1318z	04Oct2023	0.8m

PAKISTAN

ORMARA	1140z	04Oct2023	0.7m
KARACHI	1221z	04Oct2023	0.7m

SEYCHELLES

FREGATE ISLAND	1010z	04Oct2023	2.1m
COETIVY ISLAND	1018z	04Oct2023	1.8m
ILE DESROCHES	1043z	04Oct2023	1.2m
ALPHONSE ISLAND	1057z	04Oct2023	0.8m
TAKAMAKA	1108z	04Oct2023	2.1m
FARQUHAR GROUP	1112z	04Oct2023	1.0m
ALDABRA	1150z	04Oct2023	0.8m
ASTOVE ISLAND	1345z	04Oct2023	0.7m

SOMALIA

BANDER-BEYLA	1104z	04Oct2023	2.3m
EYL	1109z	04Oct2023	3.7m
TOOXIN	1110z	04Oct2023	2.5m
GALDOGOB	1114z	04Oct2023	2.7m
JARIIBAN	1116z	04Oct2023	2.9m
XARARDHEERE	1122z	04Oct2023	2.9m
CEEL DHEER	1123z	04Oct2023	2.8m
ITALA	1124z	04Oct2023	1.9m
MAREEG	1125z	04Oct2023	1.7m
ABO	1129z	04Oct2023	1.4m
UARSCIECH	1131z	04Oct2023	1.7m
MUQDISHO	1136z	04Oct2023	1.6m
BEYNAX BARRE	1143z	04Oct2023	2.0m
BARAAWE	1148z	04Oct2023	1.8m
JILIB	1157z	04Oct2023	1.8m
TURDHO	1159z	04Oct2023	1.9m
NE BEERNAASI	1202z	04Oct2023	1.9m
KAAMBOONI	1210z	04Oct2023	1.6m
QANDALA	1247z	04Oct2023	0.6m

SOUTH AFRICA

GWABALANDA HITAWI	1511z	04Oct2023	0.5m
ABORETUM	1528z	04Oct2023	0.5m
MARSHSTRAND	1537z	04Oct2023	0.5m
ZIKHOVA	1539z	04Oct2023	0.5m
PEDDIE	1546z	04Oct2023	0.5m

SRI LANKA

BATTICALOA	0538z	04Oct2023	9.0m
AKKARAIATTU	0539z	04Oct2023	7.1m
KIRINDA	0542z	04Oct2023	9.5m
ANAITIVU	0545z	04Oct2023	3.9m
KATTANKUDI	0545z	04Oct2023	8.2m
PANKULAM	0545z	04Oct2023	5.6m
OKANDA	0546z	04Oct2023	11.5m
POTTUVIL	0547z	04Oct2023	9.6m
MULLAITTIVU	0550z	04Oct2023	6.7m
TANGALLE	0555z	04Oct2023	7.0m
MATARA	0557z	04Oct2023	7.8m
HAMBANTOTA	0559z	04Oct2023	9.5m
CHUNDIKKULAM	0605z	04Oct2023	4.2m
AMBALANGODA	0606z	04Oct2023	4.2m
GALLE	0606z	04Oct2023	6.6m
CHAVAKACHCHERI	0612z	04Oct2023	4.5m

IOC Technical Series, 181 (I) Supplement 1
page 348

POINT PEDRO	0613z	04Oct2023	4.6m
BERUWALA	0619z	04Oct2023	3.9m
COLOMBO	0620z	04Oct2023	3.3m
MORATUWA	0623z	04Oct2023	4.1m
NEGOMBO	0627z	04Oct2023	2.9m
MUNDAL LAKE	0632z	04Oct2023	2.9m
MANNAR ISLAND	0637z	04Oct2023	2.0m
MUSALI	0654z	04Oct2023	1.6m

TANZANIA

VUMBA	1233z	04Oct2023	0.8m
VUMBI	1234z	04Oct2023	0.8m
ZANZIBAR	1238z	04Oct2023	1.0m
JIMBO	1241z	04Oct2023	0.8m
GAZIJA	1243z	04Oct2023	1.0m
SONGO SONGO ISLAND	1244z	04Oct2023	0.9m
KUTANI	1246z	04Oct2023	1.1m
MADANGWA	1246z	04Oct2023	1.7m
RUVU	1247z	04Oct2023	0.9m
MSASANI	1254z	04Oct2023	0.6m
BOMALANDNI	1341z	04Oct2023	0.8m
WEST TO KONDE	1344z	04Oct2023	0.9m

THAILAND

THAI MUEANG	0532z	04Oct2023	8.6m
KO RACHA NOI	0539z	04Oct2023	5.4m
KOH SURIN TAI	0544z	04Oct2023	6.7m
KOH LANTA YAI	0615z	04Oct2023	2.5m
THAI MUEANG_TAKUA PA	0619z	04Oct2023	8.1m
KOH ROK	0620z	04Oct2023	2.5m
MUEANG SATUN	0625z	04Oct2023	2.4m
KOH TARUTAO	0739z	04Oct2023	3.5m

UNITED KINGDOM

MORESBY ISLAND	0734z	04Oct2023	4.2m
DIEGO GARCIA	0738z	04Oct2023	3.0m
NW EGMONT ISLAND	0757z	04Oct2023	2.3m

YEMEN

DAMQAWT	1101z	04Oct2023	1.2m
AL GHAYDAH AIRPORT	1108z	04Oct2023	1.3m
SOCOTRA ISLAND NORTH	1114z	04Oct2023	1.2m
SOCOTRA ISLAND SOUTH	1115z	04Oct2023	2.0m
HUSWAYN	1118z	04Oct2023	1.4m
SOCOTRA ISLAND WEST	1120z	04Oct2023	0.9m
ALQUMRAH	1144z	04Oct2023	0.9m
MASILAH WADI	1302z	04Oct2023	0.8m
HAMI	1309z	04Oct2023	0.5m
HARRAH	1314z	04Oct2023	0.5m
AL MUKALLA	1349z	04Oct2023	0.7m

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 IOTWMS-TSP INDONESIA for this event as more

information becomes available.

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (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://rtsp.bmkg.go.id/publicbull.php>

<https://www.bmkg.go.id>

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

E-Mail: inartsp@bmkg.go.id

monitrtwp@bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST

BULLETIN 12

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TSP-InaTEWS-20231004-1300-012

TSUNAMI BULLETIN NUMBER 12 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 1300 UTC, Oct 04, 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION (updated)

IOTWMS-TSP INDONESIA has detected an earthquake with the following details:

Magnitude : 9.0 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

2. EVALUATION

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

LOCATION	COUNTRIES	LAT	LON	TIME (UTC)	DATE	AMPL (m)
Campbell Bay	INDIA	7.00N	93.93E	0429z UTC	4 Oct 2023	6.0m
Sabang	INDONESIA	5.83N	95.33E	0430z UTC	4 Oct 2023	3.7m
Port Blair	INDIA	11.68N	92.76E	0439z UTC	4 Oct 2023	3.6m
DART 23227	INDIA	6.26N	88.79E	0441z UTC	4 Oct 2023	2.6m
Nancowry	INDIA	8.05N	93.55E	0508z UTC	4 Oct 2023	8.5m
Telukdalam	INDONESIA	0.55N	97.82E	0508z UTC	4 Oct 2023	2.0m
Meulaboh	INDONESIA	4.13N	96.13E	0514z UTC	4 Oct 2023	9.1m
DART 23218	INDIA	10.17N	88.50E	0516z UTC	4 Oct 2023	0.5m
Tanahbala	INDONESIA	0.53S	98.50E	0530z UTC	4 Oct 2023	1.1m
Ko Miang	THAILAND	8.55N	97.63E	0539z UTC	4 Oct 2023	3.3m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0541z UTC	4 Oct 2023	2.3m
Trincomalee	SRI LANKA	8.56N	81.20E	0547z UTC	4 Oct 2023	4.8m
Haing Gyi Kyun	MYANMAR	16.00N	94.32E	0611z UTC	4 Oct 2023	3.6m
Enggano	INDONESIA	5.35S	102.28E	0612z UTC	4 Oct 2023	0.9m
Padang	INDONESIA	0.95S	100.37E	0614z UTC	4 Oct 2023	0.8m
Chennai	INDIA	13.10N	80.30E	0620z UTC	4 Oct 2023	6.1m
Pulau Perak	MALAYSIA	5.68N	98.94E	0624z UTC	4 Oct 2023	2.5m
Cocos Island	AUSTRALIA	12.12S	96.89E	0626z UTC	4 Oct 2023	1.2m
Visakhapatnam	INDIA	17.68N	83.28E	0629z UTC	4 Oct 2023	4.0m
Colombo	SRI LANKA	6.95N	79.85E	0632z UTC	4 Oct 2023	4.0m
Seblat	INDONESIA	3.22S	101.60E	0634z UTC	4 Oct 2023	1.6m
Christmas Island	AUSTRALIA	10.43N	105.67E	0645z UTC	4 Oct 2023	1.4m
Sibolga	INDONESIA	1.73N	98.80E	0645z UTC	4 Oct 2023	2.8m
Sittwe	MYANMAR	20.15N	92.90E	0646z UTC	4 Oct 2023	2.2m
Gan	MALDIVE	0.69S	73.15E	0712z UTC	4 Oct 2023	5.6m
Hanimadhoo	MALDIVE	6.77N	73.17E	0718z UTC	4 Oct 2023	4.6m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0719z UTC	4 Oct 2023	0.8m
DART 23223	INDIA	17.33N	89.48E	0721z UTC	4 Oct 2023	0.5m
Kirinda	SRI LANKA	6.20N	81.32E	0721z UTC	4 Oct 2023	4.5m
Minicoy	INDIA	8.28N	73.05E	0724z UTC	4 Oct 2023	2.0m
Sebesi Island	INDONESIA	5.94S	105.51E	0726z UTC	4 Oct 2023	0.7m
Langkawi	MALAYSIA	6.42N	99.77E	0728z UTC	4 Oct 2023	1.1m

Marina Jambu	INDONESIA	6.19S	105.84E	0729z	UTC	4 Oct 2023	0.8m
Porto Malai	MALAYSIA	6.26N	99.73E	0730z	UTC	4 Oct 2023	4.4m
Pangandaran	INDONESIA	7.75S	108.50E	0736z	UTC	4 Oct 2023	0.9m
Diego Garcia	UK	7.29S	72.39E	0739z	UTC	4 Oct 2023	3.1m
Cilacap	INDONESIA	7.75S	109.00E	0741z	UTC	4 Oct 2023	1.3m
Sadeng	INDONESIA	8.19S	110.80E	0747z	UTC	4 Oct 2023	0.9m
Pacitan	INDONESIA	8.27S	111.37E	0754z	UTC	4 Oct 2023	0.9m
Prigi	INDONESIA	8.28S	111.73E	0758z	UTC	4 Oct 2023	0.8m
Popoh	INDONESIA	8.26S	111.80E	0800z	UTC	4 Oct 2023	0.8m
Cuddalore	INDIA	11.71N	79.78E	0801z	UTC	4 Oct 2023	4.3m
Cochin	INDIA	9.96N	76.26E	0817z	UTC	4 Oct 2023	2.4m
Benoa	INDONESIA	8.77S	115.22E	0831z	UTC	4 Oct 2023	0.4m
Lembar	INDONESIA	8.73S	116.07E	0854z	UTC	4 Oct 2023	0.3m
Muncar Banyuwangi	INDONESIA	8.44S	114.35E	0855z	UTC	4 Oct 2023	0.3m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0924z	UTC	4 Oct 2023	1.1m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0940z	UTC	4 Oct 2023	0.7m
Rote	INDONESIA	10.71S	123.06E	0942z	UTC	4 Oct 2023	0.3m
Marmagao	INDIA	15.41N	73.80E	0948z	UTC	4 Oct 2023	1.5m
Rodrigues	MAURITIUS	19.68S	63.42E	0950z	UTC	4 Oct 2023	3.3m
Denis Island	SEYCHELLES	3.80S	55.67E	1005z	UTC	4 Oct 2023	1.5m
Agalega	MAURITIUS	10.35S	56.59E	1019z	UTC	4 Oct 2023	1.4m
Blue Bay	MAURITIUS	20.44S	57.71E	1030z	UTC	4 Oct 2023	0.8m
DART 23226	INDIA	20.20N	67.33E	1034z	UTC	4 Oct 2023	0.1m
Chittagong	BANGLADESH	22.33N	91.83E	1044z	UTC	4 Oct 2023	2.9m
Pt.Louis	MAURITIUS	20.16S	57.50E	1044z	UTC	4 Oct 2023	0.7m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	1046z	UTC	4 Oct 2023	0.7m
Salalah	OMAN	16.93N	54.01E	1052z	UTC	4 Oct 2023	1.7m
Gwadar	PAKISTAN	25.11N	62.34E	1058z	UTC	4 Oct 2023	0.8m
Geraldton	AUSTRALIA	28.76S	114.56E	1100z	UTC	4 Oct 2023	1.3m
Veeraval	INDIA	20.90N	70.36E	1104z	UTC	4 Oct 2023	0.4m
Muscat	OMAN	23.63N	58.57E	1105z	UTC	4 Oct 2023	0.9m
Duqm	OMAN	19.66N	57.72E	1109z	UTC	4 Oct 2023	1.7m
Jask	IRAN	25.63N	57.77E	1130z	UTC	4 Oct 2023	0.4m
Khawr Wudam	OMAN	23.87N	57.52E	1137z	UTC	4 Oct 2023	0.3m
Majis	OMAN	24.52N	56.61E	1143z	UTC	4 Oct 2023	0.3m
Toamasina	MADAGASCAR	18.15S	49.43E	1149z	UTC	4 Oct 2023	0.9m
Keti Bandar	PAKISTAN	24.13N	67.43E	1151z	UTC	4 Oct 2023	0.6m
Broome	AUSTRALIA	18.00S	122.22E	1156z	UTC	4 Oct 2023	0.2m
Dzaoudzi	FRANCE	12.78S	45.26E	1210z	UTC	4 Oct 2023	0.3m
Comores	COMORES	11.70S	43.25E	1225z	UTC	4 Oct 2023	0.2m
Lamu	KENYA	2.27S	40.90E	1233z	UTC	4 Oct 2023	1.2m
Mombasa	KENYA	4.07S	39.65E	1240z	UTC	4 Oct 2023	3.0m
Aden	YEMEN	12.79N	44.97E	1241z	UTC	4 Oct 2023	0.3m
Esperance	AUSTRALIA	33.87S	121.90E	1245z	UTC	4 Oct 2023	0.1m
Mtwara	TANZANIA	10.27S	40.20E	1246z	UTC	4 Oct 2023	1.1m

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

3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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	0628z	04Oct2023	1.3m
CHRISTMAS ISLAND	0959z	04Oct2023	1.1m
GASCOYNE COAST	1006z	04Oct2023	1.1m
LEEUEWIN COAST	1136z	04Oct2023	0.8m
PILBARA COAST WEST	1149z	04Oct2023	0.8m
NINGALOO COAST	1201z	04Oct2023	0.7m
GERALDTON COAST	1214z	04Oct2023	0.6m
PILBARA COAST EAST	1320z	04Oct2023	0.5m
BUNBURY GEOGRAPHE COAST	1412z	04Oct2023	0.6m
LANCELIN COAST	1414z	04Oct2023	0.7m
HEARD ISLAND AND MCDONALD ISLANDS	1421z	04Oct2023	1.6m
AURORA BANK	1502z	04Oct2023	0.9m

BANGLADESH

COXS BAZAR	0657z	04Oct2023	1.6m
KUTUBDIA ISLAND	0707z	04Oct2023	1.6m
BARGUNA	0736z	04Oct2023	1.8m
CHALNA	0802z	04Oct2023	1.4m

COMOROS

BAMBAO	1219z	04Oct2023	0.6m
CHEZANI	1224z	04Oct2023	0.8m
FOMBONI	1231z	04Oct2023	1.1m
DZAOUDZI	1333z	04Oct2023	0.7m

FRANCE

SAINT-DENIS	1130z	04Oct2023	0.6m
ILE SAINT-PAUL-NORTH	1132z	04Oct2023	1.0m
ILE SAINT-PAUL-SOUTH	1145z	04Oct2023	0.9m
ILE DE LA POSSESSION	1322z	04Oct2023	1.1m
NES CROZET	1329z	04Oct2023	0.9m
CROZET PLATEAU	1349z	04Oct2023	0.7m
ILE KERGUELEN	1358z	04Oct2023	0.6m

INDIA

CAR NICOBAR	0403z	04Oct2023	12.8m
KOMATRA AND KATCHAL ISLAND	0404z	04Oct2023	15.1m
INDIRA POINT	0408z	04Oct2023	12.7m
LITTLE ANDAMAN	0411z	04Oct2023	6.8m
NORTH SENTINEL ISLAND	0426z	04Oct2023	4.4m
PORT BLAIR	0433z	04Oct2023	3.7m
HAVELOCK	0449z	04Oct2023	4.0m
WEST AND LANDFALL ISLAND	0455z	04Oct2023	2.6m
BARREN ISLAND	0455z	04Oct2023	2.2m
FLAT ISLAND	0456z	04Oct2023	3.7m
RANGATH BAY	0500z	04Oct2023	3.8m
DIGLIPUR	0511z	04Oct2023	2.9m
NARCONDAM ISLAND	0543z	04Oct2023	1.7m
MARAKKANAM	0604z	04Oct2023	3.6m
CUDDALORE	0606z	04Oct2023	3.9m
PUDUCHERRY	0607z	04Oct2023	3.8m
ENNORE	0609z	04Oct2023	4.0m
KAKINADA	0610z	04Oct2023	3.7m
SRIHARIKOTA	0610z	04Oct2023	3.2m
MACHILIPATNAM	0611z	04Oct2023	3.1m

MAHABALIPURAM	0611z	04Oct2023	5.2m
POOMBUHAR	0612z	04Oct2023	3.9m
NAGAPATTINAM	0612z	04Oct2023	3.9m
PERUPALEM	0614z	04Oct2023	3.2m
NIJAMPATTANAM	0614z	04Oct2023	4.4m
CHENNAI	0614z	04Oct2023	4.1m
KARAIKAL	0616z	04Oct2023	3.8m
PURI	0617z	04Oct2023	2.7m
KOTTAPATNAM	0617z	04Oct2023	3.6m
MALLIPATTINAM	0617z	04Oct2023	4.8m
MUTHUPET	0618z	04Oct2023	4.2m
PARADIP	0619z	04Oct2023	2.6m
KALINGAPATNAM	0619z	04Oct2023	3.4m
KONADA	0620z	04Oct2023	2.7m
VISAKHAPATNAM	0621z	04Oct2023	3.1m
GOPALPUR	0627z	04Oct2023	3.8m
JAMBOO	0632z	04Oct2023	2.0m
TUTICORIN	0645z	04Oct2023	2.2m
RAMESWARAM	0654z	04Oct2023	2.1m
KOTTAIPPATTANAM	0654z	04Oct2023	2.7m
DHAMRA	0655z	04Oct2023	1.6m
HEMNAGAR	0703z	04Oct2023	1.6m
KOODANKULAM	0705z	04Oct2023	3.0m
NAMKHANA	0710z	04Oct2023	1.9m
CHANDIPUR	0712z	04Oct2023	1.9m
DIGHA	0714z	04Oct2023	1.6m
KANYAKUMARI	0716z	04Oct2023	4.0m
TRIVANDRUM	0720z	04Oct2023	2.6m
QUILON	0720z	04Oct2023	2.4m
ALLEPPEY ALAPPUZHA	0728z	04Oct2023	1.9m
MINICOY	0728z	04Oct2023	1.6m
ANDROTH	0739z	04Oct2023	1.1m
KAVARATTI	0751z	04Oct2023	1.2m
AMINI	0758z	04Oct2023	1.1m
VADANAPPALLY	0801z	04Oct2023	1.4m
AGATTI	0802z	04Oct2023	1.3m
COCHIN	0804z	04Oct2023	2.0m
VAKKAD	0808z	04Oct2023	1.4m
BEYPORE	0821z	04Oct2023	1.3m
KANNUR	0831z	04Oct2023	1.3m
MAHE	0832z	04Oct2023	0.8m
KASARAGOD	0835z	04Oct2023	1.2m
KARWAR	0926z	04Oct2023	0.9m
MALVAN BAY	0952z	04Oct2023	0.6m
VASCO	0957z	04Oct2023	0.7m
PANAJI	0958z	04Oct2023	0.8m
JAIGARH	1014z	04Oct2023	0.7m
UDUPI	1031z	04Oct2023	1.0m
MANGALORE	1100z	04Oct2023	1.1m
ALIBAG PORT	1459z	04Oct2023	0.5m

INDONESIA

NAD ACEH-BESAR PULAU BREUEH	0421z	04Oct2023	14.0m
NAD KOTA-SABANG PULAU RONDO	0423z	04Oct2023	3.5m
NAD KOTA-SABANG PULAU WEH	0426z	04Oct2023	7.7m
NAD ACEH-BESAR PULAU PENAS	0431z	04Oct2023	17.0m
NAD ACEH-BESAR BAGIAN BARAT	0434z	04Oct2023	16.3m
NAD ACEH-JAYA	0435z	04Oct2023	8.7m
NAD ACEH-BESAR BAGIAN UTARA	0437z	04Oct2023	5.7m
NAD SIMEULUE PULAU SIMEULUE	0439z	04Oct2023	4.3m
NAD KOTA-BANDA-ACEH	0443z	04Oct2023	18.1m
NAD PIDIE	0444z	04Oct2023	9.7m
SUMUT NIAS BAGIAN BARAT	0454z	04Oct2023	2.7m
NAD BIREUEN	0500z	04Oct2023	4.6m
SUMUT NIAS BAGIAN TIMUR	0502z	04Oct2023	2.5m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	0502z	04Oct2023	3.3m

SUMUT NIAS-SELATAN PULAU NIAS	0504z	04Oct2023	2.6m
NAD ACEH-BARAT	0506z	04Oct2023	7.0m
NAD NAGAN-RAYA	0506z	04Oct2023	7.5m
NAD ACEH-UTARA BAGIAN BARAT	0507z	04Oct2023	5.5m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0507z	04Oct2023	1.7m
NAD KOTA-LHOKSEUMAWE	0512z	04Oct2023	5.3m
NAD ACEH-SELATAN BAGIAN UTARA	0514z	04Oct2023	3.6m
SUMUT NIAS-SELATAN PULAU TANABALA	0522z	04Oct2023	1.7m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	0522z	04Oct2023	1.1m
NAD ACEH-BARAT-DAYA	0524z	04Oct2023	6.6m
NAD ACEH-UTARA BAGIAN TIMUR	0531z	04Oct2023	6.5m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0548z	04Oct2023	0.8m
NAD ACEH-SELATAN BAGIAN SELATAN	0552z	04Oct2023	4.2m
NAD ACEH-TIMUR	0554z	04Oct2023	4.8m
NAD ACEH-SINGKIL	0631z	04Oct2023	3.0m
SUMUT TAPANULI-TENGAH BAGIAN UTARA	0632z	04Oct2023	1.0m
SUMUT MANDAILING-NATAL BAGIAN UTARA	0654z	04Oct2023	1.4m
SUMUT TAPANULI-SELATAN	0707z	04Oct2023	1.8m
SUMUT TAPANULI-TENGAH KEP. MURSALA	0713z	04Oct2023	1.3m
NAD KOTA-LANGSA	0718z	04Oct2023	5.5m
NAD ACEH-TAMIANG	0733z	04Oct2023	4.5m
LAMPUNG TANGGAMUS BAGIAN BARAT	0738z	04Oct2023	1.7m
SUMUT TAPANULI-TENGAH BAGIAN SELATAN	0743z	04Oct2023	1.3m
SUMBAR KOTA-PADANG BAGIAN UTARA	0802z	04Oct2023	1.5m
SUMUT LANGKAT	0818z	04Oct2023	2.7m
SUMUT NIAS-SELATAN PULAU PINI	0833z	04Oct2023	1.6m
SUMUT KOTA-MEDAN	0842z	04Oct2023	3.4m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0856z	04Oct2023	1.4m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0902z	04Oct2023	1.6m
SUMUT DELISERDANG	0903z	04Oct2023	1.3m
SUMUT SERDANG-BEDAGAI	0914z	04Oct2023	1.6m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0919z	04Oct2023	1.4m
LAMPUNG TANGGAMUS PULAU TABUAN	0919z	04Oct2023	0.6m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0920z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0923z	04Oct2023	1.2m
SUMBAR PASAMAN-BARAT	0940z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0947z	04Oct2023	1.4m
BENGKULU MUKOMUKO	0949z	04Oct2023	1.1m
BENGKULU SELUMA	0949z	04Oct2023	1.3m
BENGKULU KAUR	0949z	04Oct2023	1.2m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0949z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0952z	04Oct2023	1.3m
JABAR SUKABUMI PELABUHAN-RATU	1006z	04Oct2023	1.2m
BANTEN PANDEGLANG BAGIAN SELATAN	1006z	04Oct2023	1.0m
SUMUT KOTA-SIBOLGA	1008z	04Oct2023	1.9m
JABAR SUKABUMI UJUNG-GENTENG	1010z	04Oct2023	1.0m
SUMUT ASAHAN	1011z	04Oct2023	1.4m
SUMBAR KOTA-PADANG BAGIAN SELATAN	1014z	04Oct2023	1.1m
BANTEN PANDEGLANG PULAU PANAITAN	1019z	04Oct2023	0.7m
JABAR CIANJUR SINDANGBARANG	1022z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1037z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	1049z	04Oct2023	1.4m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	1123z	04Oct2023	0.8m
SUMBAR PESISIR-SELATAN BAGIAN UTARA	1125z	04Oct2023	0.7m
SUMUT MANDAILING-NATAL BAGIAN SELATAN	1126z	04Oct2023	1.4m
BANTEN LEBAK	1129z	04Oct2023	1.1m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	1131z	04Oct2023	0.7m
JATIM PACITAN	1135z	04Oct2023	0.8m
JABAR GARUT	1141z	04Oct2023	0.7m
SUMUT LABUHANBATU	1146z	04Oct2023	0.9m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	1147z	04Oct2023	0.7m
JATENG CILACAP	1148z	04Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN UTARA	1149z	04Oct2023	0.7m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1208z	04Oct2023	0.9m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	1210z	04Oct2023	0.7m
JATENG KEBUMEN	1211z	04Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1221z	04Oct2023	0.9m
SUMBAR AGAM	1224z	04Oct2023	0.7m

JATENG PURWOREJO	1231z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	1231z	04Oct2023	0.6m
JABAR TASIKMALAYA	1236z	04Oct2023	0.8m
BANTEN SERANG BAGIAN BARAT	1255z	04Oct2023	0.6m
SUMBAR KOTA-PARIAMAN	1257z	04Oct2023	0.7m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	1257z	04Oct2023	0.6m
JATIM TRENGGALEK	1306z	04Oct2023	0.7m
NTB LOMBOK-BARAT BAGIAN SELATAN	1311z	04Oct2023	0.5m
BENGKULU BENGKULU-SELATAN	1335z	04Oct2023	1.2m
DIY GUNUNG-KIDUL	1347z	04Oct2023	0.7m
DIY BANTUL	1347z	04Oct2023	0.9m
NTB DOMPU BAGIAN SELATAN	1348z	04Oct2023	0.6m
DIY KULON-PROGO	1355z	04Oct2023	0.5m
JATIM BLITAR	1407z	04Oct2023	0.7m
JABAR CIAMIS	1414z	04Oct2023	0.9m
RIAU ROKAN-HILIR	1429z	04Oct2023	0.6m
NTB LOMBOK-TENGAH	1432z	04Oct2023	0.7m
NTB LOMBOK-TIMUR BAGIAN SELATAN	1432z	04Oct2023	0.6m
JATIM JEMBER	1443z	04Oct2023	0.5m
JATIM LUMAJANG	1447z	04Oct2023	0.7m
BANTEN KOTA-CILEGON PULAU SANGIA	1450z	04Oct2023	0.5m
JATENG WONOGIRI	1459z	04Oct2023	0.8m
JATIM TULUNGAGUNG	1502z	04Oct2023	0.5m
JATIM MALANG	1506z	04Oct2023	0.5m
BALI BADUNG PANTAI-KUTA	1515z	04Oct2023	0.5m
BANTEN KOTA-CILEGON	1520z	04Oct2023	0.5m
JATIM JEMBER PULAU NUSABARUNG	1542z	04Oct2023	0.5m

IRAN

PUSHT	1205z	04Oct2023	0.6m
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KENYA

KIWAYU	1211z	04Oct2023	1.2m
KIPINI	1237z	04Oct2023	1.1m
MALINDI	1237z	04Oct2023	1.2m
TAKAUNGU	1239z	04Oct2023	1.4m
MVULENI	1239z	04Oct2023	1.2m
KISIMACHANDE	1241z	04Oct2023	1.3m

MADAGASCAR

VOHEMAR	1131z	04Oct2023	1.2m
ANOROTSANGANA	1151z	04Oct2023	0.7m
TAMPOLO	1203z	04Oct2023	0.8m
AMBAHY	1214z	04Oct2023	0.8m
FARAFAGANA	1215z	04Oct2023	1.3m
MANANTENINA	1227z	04Oct2023	0.8m
SAMPONA	1304z	04Oct2023	0.8m
TOAMASINA AIRPORT	1401z	04Oct2023	0.6m
GLORIOSO ISLANDS	1455z	04Oct2023	0.6m

MALAYSIA

SATUN	0728z	04Oct2023	2.4m
YAN	0729z	04Oct2023	1.6m
WEST OF ALOR SETAR	0739z	04Oct2023	1.6m
SEBERANG PERAI SELATAN	0759z	04Oct2023	2.6m
SEBERANG PERAI UTARA AND BARAT DAYA	0801z	04Oct2023	2.2m
KERIAN	0817z	04Oct2023	1.9m
LARUT AND MATANG	0825z	04Oct2023	1.9m
KUALA MUDA	0827z	04Oct2023	1.4m
MANJUNG	0838z	04Oct2023	1.9m

IOC Technical Series, 181 (I) Supplement 1
page 356

HILIR PERAK	0953z	04Oct2023	1.3m
SABAK BERNAM	1124z	04Oct2023	1.0m
KUALA SELANGOR	1220z	04Oct2023	0.7m

MALDIVES

MALE	0705z	04Oct2023	7.7m
KULHUDUFFUSHI	0707z	04Oct2023	4.5m
KOLHUFUSHI	0707z	04Oct2023	7.4m
DHIYAMIGILI	0708z	04Oct2023	9.5m
THINADHOO	0709z	04Oct2023	4.6m
HITHADHOO	0713z	04Oct2023	5.2m
GOIDHOO	0720z	04Oct2023	2.6m
NILANDHOO	0725z	04Oct2023	5.0m
FERIDHOO	0726z	04Oct2023	3.3m

MAURITIUS

LA FERME	0950z	04Oct2023	1.5m
CARGADOS CARAJOS	1021z	04Oct2023	1.7m
AGALEGA ISLAND	1024z	04Oct2023	0.8m
GRANDE REVIERE SUD EST-EAST	1039z	04Oct2023	1.3m
GRANDE REVIERE SUD EST-WEST	1207z	04Oct2023	0.7m

MOZAMBIQUE

MAGANJA	1245z	04Oct2023	1.1m
QUITERAJO	1300z	04Oct2023	0.7m
TAVARI	1302z	04Oct2023	0.5m
PEMBA	1302z	04Oct2023	0.7m
MERONVI	1305z	04Oct2023	0.9m
MECUFI	1308z	04Oct2023	1.0m
NANGATA	1309z	04Oct2023	0.8m
LURIO	1310z	04Oct2023	0.7m
MINHAUINE	1315z	04Oct2023	1.1m
MURREBUE	1515z	04Oct2023	0.6m

MYANMAR

PREPARIS ISLAND	0524z	04Oct2023	2.1m
LITTLE COCO ISLAND	0528z	04Oct2023	2.1m
THAN KYUN	0535z	04Oct2023	5.3m
GREAT WESTERN TORRES ISLAND	0536z	04Oct2023	2.2m
LORD LOUGHBOROUGH ISLAND	0538z	04Oct2023	3.9m
KYWEGYAUNG	0550z	04Oct2023	1.7m
CHEDUBA ISLAND	0559z	04Oct2023	1.7m
MAGYIGYAING	0601z	04Oct2023	2.4m
MAWYEN	0604z	04Oct2023	1.5m
KYAUKPYU	0621z	04Oct2023	1.6m
THAWINCHAUNG	0625z	04Oct2023	1.5m
SITTWE	0627z	04Oct2023	2.1m
PHARPON	0704z	04Oct2023	1.5m
MALI KYUN	0712z	04Oct2023	1.8m
YANGON-S	0735z	04Oct2023	1.3m
YE	0744z	04Oct2023	1.3m

OMAN

AD DUQM	1035z	04Oct2023	0.7m
HASIK	1057z	04Oct2023	0.9m
SALALAH	1058z	04Oct2023	1.1m
MIRBAT	1103z	04Oct2023	1.3m
AL ASHKHARAH	1109z	04Oct2023	0.9m

TAQAH	1109z	04Oct2023	1.2m
AL JAZER	1112z	04Oct2023	0.6m
QURAYYAT	1123z	04Oct2023	0.7m
RAS AR RUWAYS	1249z	04Oct2023	0.6m
SUR	1318z	04Oct2023	0.8m

PAKISTAN

ORMARA	1140z	04Oct2023	0.7m
KARACHI	1221z	04Oct2023	0.7m

SEYCHELLES

FREGATE ISLAND	1010z	04Oct2023	2.1m
COETIVY ISLAND	1018z	04Oct2023	1.8m
ILE DESROCHES	1043z	04Oct2023	1.2m
ALPHONSE ISLAND	1057z	04Oct2023	0.8m
TAKAMAKA	1108z	04Oct2023	2.1m
FARQUHAR GROUP	1112z	04Oct2023	1.0m
ALDABRA	1150z	04Oct2023	0.8m
ASTOVE ISLAND	1345z	04Oct2023	0.7m

SOMALIA

BANDER-BEYLA	1104z	04Oct2023	2.3m
EYL	1109z	04Oct2023	3.7m
TOOXIN	1110z	04Oct2023	2.5m
GALDOGOB	1114z	04Oct2023	2.7m
JARIIBAN	1116z	04Oct2023	2.9m
XARARDHEERE	1122z	04Oct2023	2.9m
CEEL DHEER	1123z	04Oct2023	2.8m
ITALA	1124z	04Oct2023	1.9m
MAREEG	1125z	04Oct2023	1.7m
ABO	1129z	04Oct2023	1.4m
UARSCIECH	1131z	04Oct2023	1.7m
MUQDISHO	1136z	04Oct2023	1.6m
BEYNAX BARRE	1143z	04Oct2023	2.0m
BARAAWE	1148z	04Oct2023	1.8m
JILIB	1157z	04Oct2023	1.8m
TURDHO	1159z	04Oct2023	1.9m
NE BEERNAASI	1202z	04Oct2023	1.9m
KAAMBOONI	1210z	04Oct2023	1.6m
QANDALA	1247z	04Oct2023	0.6m

SOUTH AFRICA

GWABALANDA HITAWI	1511z	04Oct2023	0.5m
ABORETUM	1528z	04Oct2023	0.5m
MARSHSTRAND	1537z	04Oct2023	0.5m
ZIKHOVA	1539z	04Oct2023	0.5m
PEDDIE	1546z	04Oct2023	0.5m

SRI LANKA

BATTICALOA	0538z	04Oct2023	9.0m
AKKARAIATTU	0539z	04Oct2023	7.1m
KIRINDA	0542z	04Oct2023	9.5m
ANAITIVU	0545z	04Oct2023	3.9m
KATTANKUDI	0545z	04Oct2023	8.2m
PANKULAM	0545z	04Oct2023	5.6m
OKANDA	0546z	04Oct2023	11.5m
POTTUVIL	0547z	04Oct2023	9.6m
MULLAITTIVU	0550z	04Oct2023	6.7m

TANGALLE	0555z	04Oct2023	7.0m
MATARA	0557z	04Oct2023	7.8m
HAMBANTOTA	0559z	04Oct2023	9.5m
CHUNDIKKULAM	0605z	04Oct2023	4.2m
AMBALANGODA	0606z	04Oct2023	4.2m
GALLE	0606z	04Oct2023	6.6m
CHAVAKACHCHERI	0612z	04Oct2023	4.5m
POINT PEDRO	0613z	04Oct2023	4.6m
BERUWALA	0619z	04Oct2023	3.9m
COLOMBO	0620z	04Oct2023	3.3m
MORATUWA	0623z	04Oct2023	4.1m
NEGOMBO	0627z	04Oct2023	2.9m
MUNDAL LAKE	0632z	04Oct2023	2.9m
MANNAR ISLAND	0637z	04Oct2023	2.0m
MUSALI	0654z	04Oct2023	1.6m

TANZANIA

VUMBA	1233z	04Oct2023	0.8m
VUMBI	1234z	04Oct2023	0.8m
ZANZIBAR	1238z	04Oct2023	1.0m
JIMBO	1241z	04Oct2023	0.8m
GAZIJA	1243z	04Oct2023	1.0m
SONGO SONGO ISLAND	1244z	04Oct2023	0.9m
KUTANI	1246z	04Oct2023	1.1m
MADANGWA	1246z	04Oct2023	1.7m
RUVU	1247z	04Oct2023	0.9m
MSASANI	1254z	04Oct2023	0.6m
BOMALANDNI	1341z	04Oct2023	0.8m
WEST TO KONDE	1344z	04Oct2023	0.9m

THAILAND

THAI MUEANG	0532z	04Oct2023	8.6m
KO RACHA NOI	0539z	04Oct2023	5.4m
KOH SURIN TAI	0544z	04Oct2023	6.7m
KOH LANTA YAI	0615z	04Oct2023	2.5m
THAI MUEANG_TAKUA PA	0619z	04Oct2023	8.1m
KOH ROK	0620z	04Oct2023	2.5m
MUEANG SATUN	0625z	04Oct2023	2.4m
KOH TARUTAO	0739z	04Oct2023	3.5m

UNITED KINGDOM

MORESBY ISLAND	0734z	04Oct2023	4.2m
DIEGO GARCIA	0738z	04Oct2023	3.0m
NW EGMONT ISLAND	0757z	04Oct2023	2.3m

YEMEN

DAMQAWT	1101z	04Oct2023	1.2m
AL GHAYDAH AIRPORT	1108z	04Oct2023	1.3m
SOCOTRA ISLAND NORTH	1114z	04Oct2023	1.2m
SOCOTRA ISLAND SOUTH	1115z	04Oct2023	2.0m
HUSWAYN	1118z	04Oct2023	1.4m
SOCOTRA ISLAND WEST	1120z	04Oct2023	0.9m
ALQUMRAH	1144z	04Oct2023	0.9m
MASILAH WADI	1302z	04Oct2023	0.8m
HAMI	1309z	04Oct2023	0.5m
HARRAH	1314z	04Oct2023	0.5m
AL MUKALLA	1349z	04Oct2023	0.7m

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 IOTWMS-TSP INDONESIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (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://rtsp.bmkg.go.id/publicbull.php>

<https://www.bmkg.go.id>

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monitrtwp@bmkg.go.id

END OF BULLETIN

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BULLETIN 13

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
TSP-InaTEWS-20231004-1400-013

TSUNAMI BULLETIN NUMBER 13 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 1400 UTC, Oct 04, 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION (updated)

IOTWMS-TSP INDONESIA has detected an earthquake with the following details:

Magnitude : 9.0 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

2. EVALUATION

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

LOCATION	COUNTRIES	LAT	LON	TIME (UTC)	DATE	AMPL (m)
Campbell Bay	INDIA	7.00N	93.93E	0429z UTC	4 Oct 2023	6.0m
Sabang	INDONESIA	5.83N	95.33E	0430z UTC	4 Oct 2023	3.7m
Port Blair	INDIA	11.68N	92.76E	0439z UTC	4 Oct 2023	3.6m
DART 23227	INDIA	6.26N	88.79E	0441z UTC	4 Oct 2023	2.6m
Nancowry	INDIA	8.05N	93.55E	0508z UTC	4 Oct 2023	8.5m
Telukdalam	INDONESIA	0.55N	97.82E	0508z UTC	4 Oct 2023	2.0m
Meulaboh	INDONESIA	4.13N	96.13E	0514z UTC	4 Oct 2023	9.1m
DART 23218	INDIA	10.17N	88.50E	0516z UTC	4 Oct 2023	0.5m
Tanahbala	INDONESIA	0.53S	98.50E	0530z UTC	4 Oct 2023	1.1m
Ko Miang	THAILAND	8.55N	97.63E	0539z UTC	4 Oct 2023	3.3m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0541z UTC	4 Oct 2023	2.3m
Trincomalee	SRI LANKA	8.56N	81.20E	0547z UTC	4 Oct 2023	4.8m
Haing Gyi Kyun	MYANMAR	16.00N	94.32E	0611z UTC	4 Oct 2023	3.6m
Enggano	INDONESIA	5.35S	102.28E	0612z UTC	4 Oct 2023	0.9m
Padang	INDONESIA	0.95S	100.37E	0614z UTC	4 Oct 2023	0.8m
Chennai	INDIA	13.10N	80.30E	0620z UTC	4 Oct 2023	6.1m
Pulau Perak	MALAYSIA	5.68N	98.94E	0624z UTC	4 Oct 2023	2.5m
Cocos Island	AUSTRALIA	12.12S	96.89E	0626z UTC	4 Oct 2023	1.2m
Visakhapatnam	INDIA	17.68N	83.28E	0629z UTC	4 Oct 2023	4.0m
Colombo	SRI LANKA	6.95N	79.85E	0632z UTC	4 Oct 2023	4.0m
Seblat	INDONESIA	3.22S	101.60E	0634z UTC	4 Oct 2023	1.6m
Christmas Island	AUSTRALIA	10.43N	105.67E	0645z UTC	4 Oct 2023	1.4m
Sibolga	INDONESIA	1.73N	98.80E	0645z UTC	4 Oct 2023	2.8m
Sittwe	MYANMAR	20.15N	92.90E	0646z UTC	4 Oct 2023	2.2m
Gan	MALDIVE	0.69S	73.15E	0712z UTC	4 Oct 2023	5.6m
Hanimadhoo	MALDIVE	6.77N	73.17E	0718z UTC	4 Oct 2023	4.6m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0719z UTC	4 Oct 2023	0.8m
DART 23223	INDIA	17.33N	89.48E	0721z UTC	4 Oct 2023	0.5m
Kirinda	SRI LANKA	6.20N	81.32E	0721z UTC	4 Oct 2023	4.5m
Minicoy	INDIA	8.28N	73.05E	0724z UTC	4 Oct 2023	2.0m
Sebesi Island	INDONESIA	5.94S	105.51E	0726z UTC	4 Oct 2023	0.7m
Langkawi	MALAYSIA	6.42N	99.77E	0728z UTC	4 Oct 2023	1.1m

Marina Jambu	INDONESIA	6.19S	105.84E	0729z	UTC	4 Oct 2023	0.8m
Porto Malai	MALAYSIA	6.26N	99.73E	0730z	UTC	4 Oct 2023	4.4m
Pangandaran	INDONESIA	7.75S	108.50E	0736z	UTC	4 Oct 2023	0.9m
Diego Garcia	UK	7.29S	72.39E	0739z	UTC	4 Oct 2023	3.1m
Cilacap	INDONESIA	7.75S	109.00E	0741z	UTC	4 Oct 2023	1.3m
Sadeng	INDONESIA	8.19S	110.80E	0747z	UTC	4 Oct 2023	0.9m
Pacitan	INDONESIA	8.27S	111.37E	0754z	UTC	4 Oct 2023	0.9m
Prigi	INDONESIA	8.28S	111.73E	0758z	UTC	4 Oct 2023	0.8m
Popoh	INDONESIA	8.26S	111.80E	0800z	UTC	4 Oct 2023	0.8m
Cuddalore	INDIA	11.71N	79.78E	0801z	UTC	4 Oct 2023	4.3m
Cochin	INDIA	9.96N	76.26E	0817z	UTC	4 Oct 2023	2.4m
Benoa	INDONESIA	8.77S	115.22E	0831z	UTC	4 Oct 2023	0.4m
Lembar	INDONESIA	8.73S	116.07E	0854z	UTC	4 Oct 2023	0.3m
Muncar Banyuwangi	INDONESIA	8.44S	114.35E	0855z	UTC	4 Oct 2023	0.3m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0924z	UTC	4 Oct 2023	1.1m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0940z	UTC	4 Oct 2023	0.7m
Rote	INDONESIA	10.71S	123.06E	0942z	UTC	4 Oct 2023	0.3m
Marmagao	INDIA	15.41N	73.80E	0948z	UTC	4 Oct 2023	1.5m
Rodrigues	MAURITIUS	19.68S	63.42E	0950z	UTC	4 Oct 2023	3.3m
Denis Island	SEYCHELLES	3.80S	55.67E	1005z	UTC	4 Oct 2023	1.5m
Agalega	MAURITIUS	10.35S	56.59E	1019z	UTC	4 Oct 2023	1.4m
Blue Bay	MAURITIUS	20.44S	57.71E	1030z	UTC	4 Oct 2023	0.8m
DART 23226	INDIA	20.20N	67.33E	1034z	UTC	4 Oct 2023	0.1m
Chittagong	BANGLADESH	22.33N	91.83E	1044z	UTC	4 Oct 2023	2.9m
Pt.Louis	MAURITIUS	20.16S	57.50E	1044z	UTC	4 Oct 2023	0.7m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	1046z	UTC	4 Oct 2023	0.7m
Salalah	OMAN	16.93N	54.01E	1052z	UTC	4 Oct 2023	1.7m
Gwadar	PAKISTAN	25.11N	62.34E	1058z	UTC	4 Oct 2023	0.8m
Geraldton	AUSTRALIA	28.76S	114.56E	1100z	UTC	4 Oct 2023	1.3m
Veeraval	INDIA	20.90N	70.36E	1104z	UTC	4 Oct 2023	0.4m
Muscat	OMAN	23.63N	58.57E	1105z	UTC	4 Oct 2023	0.9m
Duqm	OMAN	19.66N	57.72E	1109z	UTC	4 Oct 2023	1.7m
Jask	IRAN	25.63N	57.77E	1130z	UTC	4 Oct 2023	0.4m
Khawr Wudam	OMAN	23.87N	57.52E	1137z	UTC	4 Oct 2023	0.3m
Majis	OMAN	24.52N	56.61E	1143z	UTC	4 Oct 2023	0.3m
Toamasina	MADAGASCAR	18.15S	49.43E	1149z	UTC	4 Oct 2023	0.9m
Keti Bandar	PAKISTAN	24.13N	67.43E	1151z	UTC	4 Oct 2023	0.6m
Broome	AUSTRALIA	18.00S	122.22E	1156z	UTC	4 Oct 2023	0.2m
Dzaoudzi	FRANCE	12.78S	45.26E	1210z	UTC	4 Oct 2023	0.3m
Comores	COMORES	11.70S	43.25E	1225z	UTC	4 Oct 2023	0.2m
Lamu	KENYA	2.27S	40.90E	1233z	UTC	4 Oct 2023	1.2m
Mombasa	KENYA	4.07S	39.65E	1240z	UTC	4 Oct 2023	3.0m
Aden	YEMEN	12.79N	44.97E	1241z	UTC	4 Oct 2023	0.3m
Esperance	AUSTRALIA	33.87S	121.90E	1245z	UTC	4 Oct 2023	0.1m
Mtwara	TANZANIA	10.27S	40.20E	1246z	UTC	4 Oct 2023	1.1m
Ennore	INDIA	13.20N	80.32E	1312z	UTC	4 Oct 2023	4.7m
Karachi	PAKISTAN	24.81N	66.97E	1320z	UTC	4 Oct 2023	0.5m
Waikelo	INDONESIA	9.39S	119.22E	1349z	UTC	4 Oct 2023	0.2m
Masirah	OMAN	20.68N	58.87E	1354z	UTC	4 Oct 2023	0.8m

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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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	0628z	04Oct2023	1.3m
CHRISTMAS ISLAND	0959z	04Oct2023	1.1m
GASCOYNE COAST	1006z	04Oct2023	1.1m
LEEUEWIN COAST	1136z	04Oct2023	0.8m
PILBARA COAST WEST	1149z	04Oct2023	0.8m
NINGALOO COAST	1201z	04Oct2023	0.7m
GERALDTON COAST	1214z	04Oct2023	0.6m
PILBARA COAST EAST	1320z	04Oct2023	0.5m
BUNBURY GEOGRAPHE COAST	1412z	04Oct2023	0.6m
LANCELIN COAST	1414z	04Oct2023	0.7m
HEARD ISLAND AND MCDONALD ISLANDS	1421z	04Oct2023	1.6m
AURORA BANK	1502z	04Oct2023	0.9m

BANGLADESH

COXS BAZAR	0657z	04Oct2023	1.6m
KUTUBDIA ISLAND	0707z	04Oct2023	1.6m
BARGUNA	0736z	04Oct2023	1.8m
CHALNA	0802z	04Oct2023	1.4m

COMOROS

BAMBAAO	1219z	04Oct2023	0.6m
CHEZANI	1224z	04Oct2023	0.8m
FOMBONI	1231z	04Oct2023	1.1m
DZAOUDZI	1333z	04Oct2023	0.7m

FRANCE

SAINT-DENIS	1130z	04Oct2023	0.6m
ILE SAINT-PAUL-NORTH	1132z	04Oct2023	1.0m
ILE SAINT-PAUL-SOUTH	1145z	04Oct2023	0.9m
ILE DE LA POSSESSION	1322z	04Oct2023	1.1m
NES CROZET	1329z	04Oct2023	0.9m
CROZET PLATEAU	1349z	04Oct2023	0.7m
ILE KERGUELEN	1358z	04Oct2023	0.6m

INDIA

CAR NICOBAR	0403z	04Oct2023	12.8m
KOMATRA AND KATCHAL ISLAND	0404z	04Oct2023	15.1m
INDIRA POINT	0408z	04Oct2023	12.7m
LITTLE ANDAMAN	0411z	04Oct2023	6.8m
NORTH SENTINEL ISLAND	0426z	04Oct2023	4.4m
PORT BLAIR	0433z	04Oct2023	3.7m
HAVELOCK	0449z	04Oct2023	4.0m
WEST AND LANDFALL ISLAND	0455z	04Oct2023	2.6m
BARREN ISLAND	0455z	04Oct2023	2.2m
FLAT ISLAND	0456z	04Oct2023	3.7m
RANGATH BAY	0500z	04Oct2023	3.8m
DIGLIPUR	0511z	04Oct2023	2.9m
NARCONDAM ISLAND	0543z	04Oct2023	1.7m
MARAKKANAM	0604z	04Oct2023	3.6m
CUDDALORE	0606z	04Oct2023	3.9m
PUDUCHERRY	0607z	04Oct2023	3.8m

ENNORE	0609z	04Oct2023	4.0m
KAKINADA	0610z	04Oct2023	3.7m
SRIHARIKOTA	0610z	04Oct2023	3.2m
MACHILIPATNAM	0611z	04Oct2023	3.1m
MAHABALIPURAM	0611z	04Oct2023	5.2m
POOMBUHAR	0612z	04Oct2023	3.9m
NAGAPATTINAM	0612z	04Oct2023	3.9m
PERUPALEM	0614z	04Oct2023	3.2m
NIJAMPATTANAM	0614z	04Oct2023	4.4m
CHENNAI	0614z	04Oct2023	4.1m
KARAIKAL	0616z	04Oct2023	3.8m
PURI	0617z	04Oct2023	2.7m
KOTTAPATNAM	0617z	04Oct2023	3.6m
MALLIPATTINAM	0617z	04Oct2023	4.8m
MUTHUPET	0618z	04Oct2023	4.2m
PARADIP	0619z	04Oct2023	2.6m
KALINGAPATNAM	0619z	04Oct2023	3.4m
KONADA	0620z	04Oct2023	2.7m
VISAKHAPATNAM	0621z	04Oct2023	3.1m
GOPALPUR	0627z	04Oct2023	3.8m
JAMBOO	0632z	04Oct2023	2.0m
TUTICORIN	0645z	04Oct2023	2.2m
RAMESWARAM	0654z	04Oct2023	2.1m
KOTTATAIPPATTANAM	0654z	04Oct2023	2.7m
DHAMRA	0655z	04Oct2023	1.6m
HEMNAGAR	0703z	04Oct2023	1.6m
KOODANKULAM	0705z	04Oct2023	3.0m
NAMKHANA	0710z	04Oct2023	1.9m
CHANDIPUR	0712z	04Oct2023	1.9m
DIGHA	0714z	04Oct2023	1.6m
KANYAKUMARI	0716z	04Oct2023	4.0m
TRIVANDRUM	0720z	04Oct2023	2.6m
QUILON	0720z	04Oct2023	2.4m
ALLEPPEY ALAPPUZHA	0728z	04Oct2023	1.9m
MINICOY	0728z	04Oct2023	1.6m
ANDROTH	0739z	04Oct2023	1.1m
KAVARATTI	0751z	04Oct2023	1.2m
AMINI	0758z	04Oct2023	1.1m
VADANAPPALLY	0801z	04Oct2023	1.4m
AGATTI	0802z	04Oct2023	1.3m
COCHIN	0804z	04Oct2023	2.0m
VAKKAD	0808z	04Oct2023	1.4m
BEYPORE	0821z	04Oct2023	1.3m
KANNUR	0831z	04Oct2023	1.3m
MAHE	0832z	04Oct2023	0.8m
KASARAGOD	0835z	04Oct2023	1.2m
KARWAR	0926z	04Oct2023	0.9m
MALVAN BAY	0952z	04Oct2023	0.6m
VASCO	0957z	04Oct2023	0.7m
PANAJI	0958z	04Oct2023	0.8m
JAIGARH	1014z	04Oct2023	0.7m
UDUPI	1031z	04Oct2023	1.0m
MANGALORE	1100z	04Oct2023	1.1m
ALIBAG PORT	1459z	04Oct2023	0.5m

INDONESIA

NAD ACEH-BESAR PULAU BREUEH	0421z	04Oct2023	14.0m
NAD KOTA-SABANG PULAU RONDO	0423z	04Oct2023	3.5m
NAD KOTA-SABANG PULAU WEH	0426z	04Oct2023	7.7m
NAD ACEH-BESAR PULAU PENAS	0431z	04Oct2023	17.0m
NAD ACEH-BESAR BAGIAN BARAT	0434z	04Oct2023	16.3m
NAD ACEH-JAYA	0435z	04Oct2023	8.7m
NAD ACEH-BESAR BAGIAN UTARA	0437z	04Oct2023	5.7m
NAD SIMEULUE PULAU SIMEULUE	0439z	04Oct2023	4.3m
NAD KOTA-BANDA-ACEH	0443z	04Oct2023	18.1m
NAD PIDIE	0444z	04Oct2023	9.7m

SUMUT NIAS BAGIAN BARAT	0454z	04Oct2023	2.7m
NAD BIREUEN	0500z	04Oct2023	4.6m
SUMUT NIAS BAGIAN TIMUR	0502z	04Oct2023	2.5m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	0502z	04Oct2023	3.3m
SUMUT NIAS-SELATAN PULAU NIAS	0504z	04Oct2023	2.6m
NAD ACEH-BARAT	0506z	04Oct2023	7.0m
NAD NAGAN-RAYA	0506z	04Oct2023	7.5m
NAD ACEH-UTARA BAGIAN BARAT	0507z	04Oct2023	5.5m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0507z	04Oct2023	1.7m
NAD KOTA-LHOKSEUMAWE	0512z	04Oct2023	5.3m
NAD ACEH-SELATAN BAGIAN UTARA	0514z	04Oct2023	3.6m
SUMUT NIAS-SELATAN PULAU TANABALA	0522z	04Oct2023	1.7m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	0522z	04Oct2023	1.1m
NAD ACEH-BARAT-DAYA	0524z	04Oct2023	6.6m
NAD ACEH-UTARA BAGIAN TIMUR	0531z	04Oct2023	6.5m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0548z	04Oct2023	0.8m
NAD ACEH-SELATAN BAGIAN SELATAN	0552z	04Oct2023	4.2m
NAD ACEH-TIMUR	0554z	04Oct2023	4.8m
NAD ACEH-SINGKIL	0631z	04Oct2023	3.0m
SUMUT TAPANULI-TENGAH BAGIAN UTARA	0632z	04Oct2023	1.0m
SUMUT MANDAILING-NATAL BAGIAN UTARA	0654z	04Oct2023	1.4m
SUMUT TAPANULI-SELATAN	0707z	04Oct2023	1.8m
SUMUT TAPANULI-TENGAH KEP. MURSALA	0713z	04Oct2023	1.3m
NAD KOTA-LANGSA	0718z	04Oct2023	5.5m
NAD ACEH-TAMIANG	0733z	04Oct2023	4.5m
LAMPUNG TANGGAMUS BAGIAN BARAT	0738z	04Oct2023	1.7m
SUMUT TAPANULI-TENGAH BAGIAN SELATAN	0743z	04Oct2023	1.3m
SUMBAR KOTA-PADANG BAGIAN UTARA	0802z	04Oct2023	1.5m
SUMUT LANGKAT	0818z	04Oct2023	2.7m
SUMUT NIAS-SELATAN PULAU PINI	0833z	04Oct2023	1.6m
SUMUT KOTA-MEDAN	0842z	04Oct2023	3.4m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0856z	04Oct2023	1.4m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0902z	04Oct2023	1.6m
SUMUT DELISERDANG	0903z	04Oct2023	1.3m
SUMUT SERDANG-BEDAGAI	0914z	04Oct2023	1.6m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0919z	04Oct2023	1.4m
LAMPUNG TANGGAMUS PULAU TABUAN	0919z	04Oct2023	0.6m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0920z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0923z	04Oct2023	1.2m
SUMBAR PASAMAN-BARAT	0940z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0947z	04Oct2023	1.4m
BENGKULU MUKOMUKO	0949z	04Oct2023	1.1m
BENGKULU SELUMA	0949z	04Oct2023	1.3m
BENGKULU KAUR	0949z	04Oct2023	1.2m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0949z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0952z	04Oct2023	1.3m
JABAR SUKABUMI PELABUHAN-RATU	1006z	04Oct2023	1.2m
BANTEN PANDEGLANG BAGIAN SELATAN	1006z	04Oct2023	1.0m
SUMUT KOTA-SIBOLGA	1008z	04Oct2023	1.9m
JABAR SUKABUMI UJUNG-GENTENG	1010z	04Oct2023	1.0m
SUMUT ASAHAN	1011z	04Oct2023	1.4m
SUMBAR KOTA-PADANG BAGIAN SELATAN	1014z	04Oct2023	1.1m
BANTEN PANDEGLANG PULAU PANAITAN	1019z	04Oct2023	0.7m
JABAR CIANJUR SINDANGBARANG	1022z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1037z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	1049z	04Oct2023	1.4m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	1123z	04Oct2023	0.8m
SUMBAR PESISIR-SELATAN BAGIAN UTARA	1125z	04Oct2023	0.7m
SUMUT MANDAILING-NATAL BAGIAN SELATAN	1126z	04Oct2023	1.4m
BANTEN LEBAK	1129z	04Oct2023	1.1m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	1131z	04Oct2023	0.7m
JATIM PACITAN	1135z	04Oct2023	0.8m
JABAR GARUT	1141z	04Oct2023	0.7m
SUMUT LABUHANBATU	1146z	04Oct2023	0.9m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	1147z	04Oct2023	0.7m
JATENG CILACAP	1148z	04Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN UTARA	1149z	04Oct2023	0.7m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1208z	04Oct2023	0.9m

LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	1210z	04Oct2023	0.7m
JATENG KEBUMEN	1211z	04Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1221z	04Oct2023	0.9m
SUMBAR AGAM	1224z	04Oct2023	0.7m
JATENG PURWOREJO	1231z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	1231z	04Oct2023	0.6m
JABAR TASIKMALAYA	1236z	04Oct2023	0.8m
BANTEN SERANG BAGIAN BARAT	1255z	04Oct2023	0.6m
SUMBAR KOTA-PARIAMAN	1257z	04Oct2023	0.7m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	1257z	04Oct2023	0.6m
JATIM TRENGGALEK	1306z	04Oct2023	0.7m
NTB LOMBOK-BARAT BAGIAN SELATAN	1311z	04Oct2023	0.5m
BENGKULU BENGKULU-SELATAN	1335z	04Oct2023	1.2m
DIY GUNUNG-KIDUL	1347z	04Oct2023	0.7m
DIY BANTUL	1347z	04Oct2023	0.9m
NTB DOMPU BAGIAN SELATAN	1348z	04Oct2023	0.6m
DIY KULON-PROGO	1355z	04Oct2023	0.5m
JATIM BLITAR	1407z	04Oct2023	0.7m
JABAR CIAMIS	1414z	04Oct2023	0.9m
RIAU ROKAN-HILIR	1429z	04Oct2023	0.6m
NTB LOMBOK-TENGAH	1432z	04Oct2023	0.7m
NTB LOMBOK-TIMUR BAGIAN SELATAN	1432z	04Oct2023	0.6m
JATIM JEMBER	1443z	04Oct2023	0.5m
JATIM LUMAJANG	1447z	04Oct2023	0.7m
BANTEN KOTA-CILEGON PULAU SANGIA	1450z	04Oct2023	0.5m
JATENG WONOGIRI	1459z	04Oct2023	0.8m
JATIM TULUNGAGUNG	1502z	04Oct2023	0.5m
JATIM MALANG	1506z	04Oct2023	0.5m
BALI BADUNG PANTAI-KUTA	1515z	04Oct2023	0.5m
BANTEN KOTA-CILEGON	1520z	04Oct2023	0.5m
JATIM JEMBER PULAU NUSABARUNG	1542z	04Oct2023	0.5m

IRAN

PUSHT	1205z	04Oct2023	0.6m
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KENYA

KIWAYU	1211z	04Oct2023	1.2m
KIPINI	1237z	04Oct2023	1.1m
MALINDI	1237z	04Oct2023	1.2m
TAKAUNGU	1239z	04Oct2023	1.4m
MVULENI	1239z	04Oct2023	1.2m
KISIMACHANDE	1241z	04Oct2023	1.3m

MADAGASCAR

VOHEMAR	1131z	04Oct2023	1.2m
ANOROTSANGANA	1151z	04Oct2023	0.7m
TAMPOLO	1203z	04Oct2023	0.8m
AMBAHY	1214z	04Oct2023	0.8m
FARAFAGANA	1215z	04Oct2023	1.3m
MANANTENINA	1227z	04Oct2023	0.8m
SAMPONA	1304z	04Oct2023	0.8m
TOAMASINA AIRPORT	1401z	04Oct2023	0.6m
GLORIOSO ISLANDS	1455z	04Oct2023	0.6m

MALAYSIA

SATUN	0728z	04Oct2023	2.4m
YAN	0729z	04Oct2023	1.6m
WEST OF ALOR SETAR	0739z	04Oct2023	1.6m
SEBERANG PERAI SELATAN	0759z	04Oct2023	2.6m
SEBERANG PERAI UTARA AND BARAT DAYA	0801z	04Oct2023	2.2m

IOC Technical Series, 181 (I) Supplement 1
page 366

KERIAN	0817z	04Oct2023	1.9m
LARUT AND MATANG	0825z	04Oct2023	1.9m
KUALA MUDA	0827z	04Oct2023	1.4m
MANJUNG	0838z	04Oct2023	1.9m
HILIR PERAK	0953z	04Oct2023	1.3m
SABAK BERNAM	1124z	04Oct2023	1.0m
KUALA SELANGOR	1220z	04Oct2023	0.7m

MALDIVES

MALE	0705z	04Oct2023	7.7m
KULHUDUFFUSHI	0707z	04Oct2023	4.5m
KOLHUFUSHI	0707z	04Oct2023	7.4m
DHIYAMIGILI	0708z	04Oct2023	9.5m
THINADHOO	0709z	04Oct2023	4.6m
HITHADHOO	0713z	04Oct2023	5.2m
GOIDHOO	0720z	04Oct2023	2.6m
NILANDHOO	0725z	04Oct2023	5.0m
FERIDHOO	0726z	04Oct2023	3.3m

MAURITIUS

LA FERME	0950z	04Oct2023	1.5m
CARGADOS CARAJOS	1021z	04Oct2023	1.7m
AGALEGA ISLAND	1024z	04Oct2023	0.8m
GRANDE REVIERE SUD EST-EAST	1039z	04Oct2023	1.3m
GRANDE REVIERE SUD EST-WEST	1207z	04Oct2023	0.7m

MOZAMBIQUE

MAGANJA	1245z	04Oct2023	1.1m
QUITERAJO	1300z	04Oct2023	0.7m
TAVARI	1302z	04Oct2023	0.5m
PEMBA	1302z	04Oct2023	0.7m
MERONVI	1305z	04Oct2023	0.9m
MECUFI	1308z	04Oct2023	1.0m
NANGATA	1309z	04Oct2023	0.8m
LURIO	1310z	04Oct2023	0.7m
MINHAUINE	1315z	04Oct2023	1.1m
MURREBUE	1515z	04Oct2023	0.6m

MYANMAR

PREPARIS ISLAND	0524z	04Oct2023	2.1m
LITTLE COCO ISLAND	0528z	04Oct2023	2.1m
THAN KYUN	0535z	04Oct2023	5.3m
GREAT WESTERN TORRES ISLAND	0536z	04Oct2023	2.2m
LORD LOUGHBOROUGH ISLAND	0538z	04Oct2023	3.9m
KYWEGYAUNG	0550z	04Oct2023	1.7m
CHEDUBA ISLAND	0559z	04Oct2023	1.7m
MAGYIGYAING	0601z	04Oct2023	2.4m
MAWYEN	0604z	04Oct2023	1.5m
KYAUKPYU	0621z	04Oct2023	1.6m
THAWINCHAUNG	0625z	04Oct2023	1.5m
SITTWE	0627z	04Oct2023	2.1m
PHARPON	0704z	04Oct2023	1.5m
MALI KYUN	0712z	04Oct2023	1.8m
YANGON-S	0735z	04Oct2023	1.3m
YE	0744z	04Oct2023	1.3m

OMAN

AD DUQM	1035z	04Oct2023	0.7m
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HASIK	1057z	04Oct2023	0.9m
SALALAH	1058z	04Oct2023	1.1m
MIRBAT	1103z	04Oct2023	1.3m
AL ASHKHARAH	1109z	04Oct2023	0.9m
TAQAH	1109z	04Oct2023	1.2m
AL JAZER	1112z	04Oct2023	0.6m
QURAYYAT	1123z	04Oct2023	0.7m
RAS AR RUWAYS	1249z	04Oct2023	0.6m
SUR	1318z	04Oct2023	0.8m

PAKISTAN

ORMARA	1140z	04Oct2023	0.7m
KARACHI	1221z	04Oct2023	0.7m

SEYCHELLES

FREGATE ISLAND	1010z	04Oct2023	2.1m
COETIVY ISLAND	1018z	04Oct2023	1.8m
ILE DESROCHES	1043z	04Oct2023	1.2m
ALPHONSE ISLAND	1057z	04Oct2023	0.8m
TAKAMAKA	1108z	04Oct2023	2.1m
FARQUHAR GROUP	1112z	04Oct2023	1.0m
ALDABRA	1150z	04Oct2023	0.8m
ASTOVE ISLAND	1345z	04Oct2023	0.7m

SOMALIA

BANDER-BEYLA	1104z	04Oct2023	2.3m
EYL	1109z	04Oct2023	3.7m
TOOXIN	1110z	04Oct2023	2.5m
GALDOGOB	1114z	04Oct2023	2.7m
JARIIBAN	1116z	04Oct2023	2.9m
XARARDHEERE	1122z	04Oct2023	2.9m
CEEL DHEER	1123z	04Oct2023	2.8m
ITALA	1124z	04Oct2023	1.9m
MAREEG	1125z	04Oct2023	1.7m
ABO	1129z	04Oct2023	1.4m
UARSCIECH	1131z	04Oct2023	1.7m
MUQDISHO	1136z	04Oct2023	1.6m
BEYNAX BARRE	1143z	04Oct2023	2.0m
BARAAWE	1148z	04Oct2023	1.8m
JILIB	1157z	04Oct2023	1.8m
TURDHO	1159z	04Oct2023	1.9m
NE BEERNAASI	1202z	04Oct2023	1.9m
KAAMBOONI	1210z	04Oct2023	1.6m
QANDALA	1247z	04Oct2023	0.6m

SOUTH AFRICA

GWABALANDA HITAWI	1511z	04Oct2023	0.5m
ABORETUM	1528z	04Oct2023	0.5m
MARSHSTRAND	1537z	04Oct2023	0.5m
ZIKHOVA	1539z	04Oct2023	0.5m
PEDDIE	1546z	04Oct2023	0.5m

SRI LANKA

BATTICALOA	0538z	04Oct2023	9.0m
AKKARAI PATTU	0539z	04Oct2023	7.1m
KIRINDA	0542z	04Oct2023	9.5m
ANAITIVU	0545z	04Oct2023	3.9m
KATTANKUDI	0545z	04Oct2023	8.2m

IOC Technical Series, 181 (I) Supplement 1
page 368

PANKULAM	0545z	04Oct2023	5.6m
OKANDA	0546z	04Oct2023	11.5m
POTTUVIL	0547z	04Oct2023	9.6m
MULLAITTIVU	0550z	04Oct2023	6.7m
TANGALLE	0555z	04Oct2023	7.0m
MATARA	0557z	04Oct2023	7.8m
HAMBANTOTA	0559z	04Oct2023	9.5m
CHUNDIKKULAM	0605z	04Oct2023	4.2m
AMBALANGODA	0606z	04Oct2023	4.2m
GALLE	0606z	04Oct2023	6.6m
CHAVAKACHCHERI	0612z	04Oct2023	4.5m
POINT PEDRO	0613z	04Oct2023	4.6m
BERUWALA	0619z	04Oct2023	3.9m
COLOMBO	0620z	04Oct2023	3.3m
MORATUWA	0623z	04Oct2023	4.1m
NEGOMBO	0627z	04Oct2023	2.9m
MUNDAL LAKE	0632z	04Oct2023	2.9m
MANNAR ISLAND	0637z	04Oct2023	2.0m
MUSALI	0654z	04Oct2023	1.6m

TANZANIA

VUMBA	1233z	04Oct2023	0.8m
VUMBI	1234z	04Oct2023	0.8m
ZANZIBAR	1238z	04Oct2023	1.0m
JIMBO	1241z	04Oct2023	0.8m
GAZIJA	1243z	04Oct2023	1.0m
SONGO SONGO ISLAND	1244z	04Oct2023	0.9m
KUTANI	1246z	04Oct2023	1.1m
MADANGWA	1246z	04Oct2023	1.7m
RUVU	1247z	04Oct2023	0.9m
MSASANI	1254z	04Oct2023	0.6m
BOMALANDNI	1341z	04Oct2023	0.8m
WEST TO KONDE	1344z	04Oct2023	0.9m

THAILAND

THAI MUEANG	0532z	04Oct2023	8.6m
KO RACHA NOI	0539z	04Oct2023	5.4m
KOH SURIN TAI	0544z	04Oct2023	6.7m
KOH LANTA YAI	0615z	04Oct2023	2.5m
THAI MUEANG TAKUA PA	0619z	04Oct2023	8.1m
KOH ROK	0620z	04Oct2023	2.5m
MUEANG SATUN	0625z	04Oct2023	2.4m
KOH TARUTAO	0739z	04Oct2023	3.5m

UNITED KINGDOM

MORESBY ISLAND	0734z	04Oct2023	4.2m
DIEGO GARCIA	0738z	04Oct2023	3.0m
NW EGMONT ISLAND	0757z	04Oct2023	2.3m

YEMEN

DAMQAWT	1101z	04Oct2023	1.2m
AL GHAYDAH AIRPORT	1108z	04Oct2023	1.3m
SOCOTRA ISLAND NORTH	1114z	04Oct2023	1.2m
SOCOTRA ISLAND SOUTH	1115z	04Oct2023	2.0m
HUSWAYN	1118z	04Oct2023	1.4m
SOCOTRA ISLAND WEST	1120z	04Oct2023	0.9m
ALQUMRAH	1144z	04Oct2023	0.9m
MASILAH WADI	1302z	04Oct2023	0.8m
HAMI	1309z	04Oct2023	0.5m
HARRAH	1314z	04Oct2023	0.5m

AL MUKALLA

1349z 04Oct2023

0.7m

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 IOTWMS-TSP INDONESIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (BMKG)

InaTEWS - Indonesian Tsunami Early Warning System

Address: Jl. Angkasa I no.2 Kemayoran, Jakarta, Indonesia, 10720

Tel.: +62 (21) 4246321/6546316

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P.O. Box 3540 Jakarta

Website: <http://rtsp.bmkg.go.id/publicbull.php>

<https://www.bmkg.go.id>

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

E-Mail: inartsp@bmkg.go.id

monitrtwp@bmkg.go.id

END OF BULLETIN

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST
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BULLETIN 14

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
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TSP-InaTEWS-20231004-1500-014

TSUNAMI BULLETIN NUMBER 14 (TYPE-III CONFIRMED THREAT BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 1500 UTC, Oct 04, 2023

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

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION (updated)

IOTWMS-TSP INDONESIA has detected an earthquake with the following details:

Magnitude : 9.0 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

2. EVALUATION

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

LOCATION	COUNTRIES	LAT	LON	TIME (UTC)	DATE	AMPL (m)
Campbell Bay	INDIA	7.00N	93.93E	0429z UTC	4 Oct 2023	6.0m
Sabang	INDONESIA	5.83N	95.33E	0430z UTC	4 Oct 2023	3.7m
Port Blair	INDIA	11.68N	92.76E	0439z UTC	4 Oct 2023	3.6m
DART 23227	INDIA	6.26N	88.79E	0441z UTC	4 Oct 2023	2.6m
Nancowry	INDIA	8.05N	93.55E	0508z UTC	4 Oct 2023	8.5m
Telukdalam	INDONESIA	0.55N	97.82E	0508z UTC	4 Oct 2023	2.0m
Meulaboh	INDONESIA	4.13N	96.13E	0514z UTC	4 Oct 2023	9.1m
DART 23218	INDIA	10.17N	88.50E	0516z UTC	4 Oct 2023	0.5m
Tanahbala	INDONESIA	0.53S	98.50E	0530z UTC	4 Oct 2023	1.1m
Ko Miang	THAILAND	8.55N	97.63E	0539z UTC	4 Oct 2023	3.3m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0541z UTC	4 Oct 2023	2.3m
Trincomalee	SRI LANKA	8.56N	81.20E	0547z UTC	4 Oct 2023	4.8m
Haing Gyi Kyun	MYANMAR	16.00N	94.32E	0611z UTC	4 Oct 2023	3.6m
Enggano	INDONESIA	5.35S	102.28E	0612z UTC	4 Oct 2023	0.9m
Padang	INDONESIA	0.95S	100.37E	0614z UTC	4 Oct 2023	0.8m
Chennai	INDIA	13.10N	80.30E	0620z UTC	4 Oct 2023	6.1m
Pulau Perak	MALAYSIA	5.68N	98.94E	0624z UTC	4 Oct 2023	2.5m
Cocos Island	AUSTRALIA	12.12S	96.89E	0626z UTC	4 Oct 2023	1.2m
Visakhapatnam	INDIA	17.68N	83.28E	0629z UTC	4 Oct 2023	4.0m
Colombo	SRI LANKA	6.95N	79.85E	0632z UTC	4 Oct 2023	4.0m
Seblat	INDONESIA	3.22S	101.60E	0634z UTC	4 Oct 2023	1.6m
Christmas Island	AUSTRALIA	10.43N	105.67E	0645z UTC	4 Oct 2023	1.4m
Sibolga	INDONESIA	1.73N	98.80E	0645z UTC	4 Oct 2023	2.8m
Sittwe	MYANMAR	20.15N	92.90E	0646z UTC	4 Oct 2023	2.2m
Gan	MALDIVE	0.69S	73.15E	0712z UTC	4 Oct 2023	5.6m
Hanimadhoo	MALDIVE	6.77N	73.17E	0718z UTC	4 Oct 2023	4.6m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0719z UTC	4 Oct 2023	0.8m
DART 23223	INDIA	17.33N	89.48E	0721z UTC	4 Oct 2023	0.5m
Kirinda	SRI LANKA	6.20N	81.32E	0721z UTC	4 Oct 2023	4.5m
Minicoy	INDIA	8.28N	73.05E	0724z UTC	4 Oct 2023	2.0m
Sebesi Island	INDONESIA	5.94S	105.51E	0726z UTC	4 Oct 2023	0.7m
Langkawi	MALAYSIA	6.42N	99.77E	0728z UTC	4 Oct 2023	1.1m

Marina Jambu	INDONESIA	6.19S	105.84E	0729z	UTC	4 Oct 2023	0.8m
Porto Malai	MALAYSIA	6.26N	99.73E	0730z	UTC	4 Oct 2023	4.4m
Pangandaran	INDONESIA	7.75S	108.50E	0736z	UTC	4 Oct 2023	0.9m
Diego Garcia	UK	7.29S	72.39E	0739z	UTC	4 Oct 2023	3.1m
Cilacap	INDONESIA	7.75S	109.00E	0741z	UTC	4 Oct 2023	1.3m
Sadeng	INDONESIA	8.19S	110.80E	0747z	UTC	4 Oct 2023	0.9m
Pacitan	INDONESIA	8.27S	111.37E	0754z	UTC	4 Oct 2023	0.9m
Prigi	INDONESIA	8.28S	111.73E	0758z	UTC	4 Oct 2023	0.8m
Popoh	INDONESIA	8.26S	111.80E	0800z	UTC	4 Oct 2023	0.8m
Cuddalore	INDIA	11.71N	79.78E	0801z	UTC	4 Oct 2023	4.3m
Cochin	INDIA	9.96N	76.26E	0817z	UTC	4 Oct 2023	2.4m
Benoa	INDONESIA	8.77S	115.22E	0831z	UTC	4 Oct 2023	0.4m
Lembar	INDONESIA	8.73S	116.07E	0854z	UTC	4 Oct 2023	0.3m
Muncar Banyuwangi	INDONESIA	8.44S	114.35E	0855z	UTC	4 Oct 2023	0.3m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0924z	UTC	4 Oct 2023	1.1m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0940z	UTC	4 Oct 2023	0.7m
Rote	INDONESIA	10.71S	123.06E	0942z	UTC	4 Oct 2023	0.3m
Marmagao	INDIA	15.41N	73.80E	0948z	UTC	4 Oct 2023	1.5m
Rodrigues	MAURITIUS	19.68S	63.42E	0950z	UTC	4 Oct 2023	3.3m
Denis Island	SEYCHELLES	3.80S	55.67E	1005z	UTC	4 Oct 2023	1.5m
Agalega	MAURITIUS	10.35S	56.59E	1019z	UTC	4 Oct 2023	1.4m
Blue Bay	MAURITIUS	20.44S	57.71E	1030z	UTC	4 Oct 2023	0.8m
DART 23226	INDIA	20.20N	67.33E	1034z	UTC	4 Oct 2023	0.1m
Chittagong	BANGLADESH	22.33N	91.83E	1044z	UTC	4 Oct 2023	2.9m
Pt.Louis	MAURITIUS	20.16S	57.50E	1044z	UTC	4 Oct 2023	0.7m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	1046z	UTC	4 Oct 2023	0.7m
Salalah	OMAN	16.93N	54.01E	1052z	UTC	4 Oct 2023	1.7m
Gwadar	PAKISTAN	25.11N	62.34E	1058z	UTC	4 Oct 2023	0.8m
Geraldton	AUSTRALIA	28.76S	114.56E	1100z	UTC	4 Oct 2023	1.3m
Veeraval	INDIA	20.90N	70.36E	1104z	UTC	4 Oct 2023	0.4m
Muscat	OMAN	23.63N	58.57E	1105z	UTC	4 Oct 2023	0.9m
Duqm	OMAN	19.66N	57.72E	1109z	UTC	4 Oct 2023	1.7m
Jask	IRAN	25.63N	57.77E	1130z	UTC	4 Oct 2023	0.4m
Khawr Wudam	OMAN	23.87N	57.52E	1137z	UTC	4 Oct 2023	0.3m
Majis	OMAN	24.52N	56.61E	1143z	UTC	4 Oct 2023	0.3m
Toamasina	MADAGASCAR	18.15S	49.43E	1149z	UTC	4 Oct 2023	0.9m
Keti Bandar	PAKISTAN	24.13N	67.43E	1151z	UTC	4 Oct 2023	0.6m
Broome	AUSTRALIA	18.00S	122.22E	1156z	UTC	4 Oct 2023	0.2m
Dzaoudzi	FRANCE	12.78S	45.26E	1210z	UTC	4 Oct 2023	0.3m
Comores	COMORES	11.70S	43.25E	1225z	UTC	4 Oct 2023	0.2m
Lamu	KENYA	2.27S	40.90E	1233z	UTC	4 Oct 2023	1.2m
Mombasa	KENYA	4.07S	39.65E	1240z	UTC	4 Oct 2023	3.0m
Aden	YEMEN	12.79N	44.97E	1241z	UTC	4 Oct 2023	0.3m
Esperance	AUSTRALIA	33.87S	121.90E	1245z	UTC	4 Oct 2023	0.1m
Mtwara	TANZANIA	10.27S	40.20E	1246z	UTC	4 Oct 2023	1.1m
Ennore	INDIA	13.20N	80.32E	1312z	UTC	4 Oct 2023	4.7m
Karachi	PAKISTAN	24.81N	66.97E	1320z	UTC	4 Oct 2023	0.5m
Waikelo	INDONESIA	9.39S	119.22E	1349z	UTC	4 Oct 2023	0.2m
Masirah	OMAN	20.68N	58.87E	1354z	UTC	4 Oct 2023	0.8m
DART 23228	INDIA	20.76N	65.28E	1404z	UTC	4 Oct 2023	0.1m
Pemba	MOZAMBIQUE	12.97S	40.48E	1425z	UTC	4 Oct 2023	0.2m
Machilipatnam	INDIA	16.14N	81.19E	1430z	UTC	4 Oct 2023	2.7m
Zanzibar	TANZANIA	6.15S	39.18E	1444z	UTC	4 Oct 2023	0.7m
Nagapattinam	INDIA	10.77N	79.85E	1448z	UTC	4 Oct 2023	3.5m

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 (or a different threshold nominated by an NTWC), and the amplitude of the maximum beach wave predicted for the zone. Zones where the estimated wave amplitudes are less than the threshold amplitude 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	0628z	04Oct2023	1.3m
CHRISTMAS ISLAND	0959z	04Oct2023	1.1m
GASCOYNE COAST	1006z	04Oct2023	1.1m
LEEUEWIN COAST	1136z	04Oct2023	0.8m
PILBARA COAST WEST	1149z	04Oct2023	0.8m
NINGALOO COAST	1201z	04Oct2023	0.7m
GERALDTON COAST	1214z	04Oct2023	0.6m
PILBARA COAST EAST	1320z	04Oct2023	0.5m
BUNBURY GEOGRAPHE COAST	1412z	04Oct2023	0.6m
LANCELIN COAST	1414z	04Oct2023	0.7m
HEARD ISLAND AND MCDONALD ISLANDS	1421z	04Oct2023	1.6m
AURORA BANK	1502z	04Oct2023	0.9m

BANGLADESH

COXS BAZAR	0657z	04Oct2023	1.6m
KUTUBDIA ISLAND	0707z	04Oct2023	1.6m
BARGUNA	0736z	04Oct2023	1.8m
CHALNA	0802z	04Oct2023	1.4m

COMOROS

BAMBAO	1219z	04Oct2023	0.6m
CHEZANI	1224z	04Oct2023	0.8m
FOMBONI	1231z	04Oct2023	1.1m
DZAOUDZI	1333z	04Oct2023	0.7m

FRANCE

SAINT-DENIS	1130z	04Oct2023	0.6m
ILE SAINT-PAUL-NORTH	1132z	04Oct2023	1.0m
ILE SAINT-PAUL-SOUTH	1145z	04Oct2023	0.9m
ILE DE LA POSSESSION	1322z	04Oct2023	1.1m
NES CROZET	1329z	04Oct2023	0.9m
CROZET PLATEAU	1349z	04Oct2023	0.7m
ILE KERGUELEN	1358z	04Oct2023	0.6m

INDIA

CAR NICOBAR	0403z	04Oct2023	12.8m
KOMATRA AND KATCHAL ISLAND	0404z	04Oct2023	15.1m
INDIRA POINT	0408z	04Oct2023	12.7m
LITTLE ANDAMAN	0411z	04Oct2023	6.8m
NORTH SENTINEL ISLAND	0426z	04Oct2023	4.4m
PORT BLAIR	0433z	04Oct2023	3.7m
HAVELOCK	0449z	04Oct2023	4.0m
WEST AND LANDFALL ISLAND	0455z	04Oct2023	2.6m
BARREN ISLAND	0455z	04Oct2023	2.2m
FLAT ISLAND	0456z	04Oct2023	3.7m
RANGATH BAY	0500z	04Oct2023	3.8m

DIGLIPUR	0511z	04Oct2023	2.9m
NARCONDAM ISLAND	0543z	04Oct2023	1.7m
MARAKKANAM	0604z	04Oct2023	3.6m
CUDDALORE	0606z	04Oct2023	3.9m
PUDUCHERRY	0607z	04Oct2023	3.8m
ENNORE	0609z	04Oct2023	4.0m
KAKINADA	0610z	04Oct2023	3.7m
SRIHARIKOTA	0610z	04Oct2023	3.2m
MACHILIPATNAM	0611z	04Oct2023	3.1m
MAHABALIPURAM	0611z	04Oct2023	5.2m
POOMBUHAR	0612z	04Oct2023	3.9m
NAGAPATTINAM	0612z	04Oct2023	3.9m
PERUPALEM	0614z	04Oct2023	3.2m
NIJAMPATTANAM	0614z	04Oct2023	4.4m
CHENNAI	0614z	04Oct2023	4.1m
KARAIKAL	0616z	04Oct2023	3.8m
PURI	0617z	04Oct2023	2.7m
KOTTAPATNAM	0617z	04Oct2023	3.6m
MALLIPATTINAM	0617z	04Oct2023	4.8m
MUTHUPET	0618z	04Oct2023	4.2m
PARADIP	0619z	04Oct2023	2.6m
KALINGAPATNAM	0619z	04Oct2023	3.4m
KONADA	0620z	04Oct2023	2.7m
VISAKHAPATNAM	0621z	04Oct2023	3.1m
GOPALPUR	0627z	04Oct2023	3.8m
JAMBOO	0632z	04Oct2023	2.0m
TUTICORIN	0645z	04Oct2023	2.2m
RAMESWARAM	0654z	04Oct2023	2.1m
KOTTAIPPATTANAM	0654z	04Oct2023	2.7m
DHAMRA	0655z	04Oct2023	1.6m
HEMNAGAR	0703z	04Oct2023	1.6m
KOODANKULAM	0705z	04Oct2023	3.0m
NAMKHANA	0710z	04Oct2023	1.9m
CHANDIPUR	0712z	04Oct2023	1.9m
DIGHA	0714z	04Oct2023	1.6m
KANYAKUMARI	0716z	04Oct2023	4.0m
TRIVANDRUM	0720z	04Oct2023	2.6m
QUILON	0720z	04Oct2023	2.4m
ALLEPPEY ALAPPUZHA	0728z	04Oct2023	1.9m
MINICOY	0728z	04Oct2023	1.6m
ANDROTH	0739z	04Oct2023	1.1m
KAVARATTI	0751z	04Oct2023	1.2m
AMINI	0758z	04Oct2023	1.1m
VADANAPPALLY	0801z	04Oct2023	1.4m
AGATTI	0802z	04Oct2023	1.3m
COCHIN	0804z	04Oct2023	2.0m
VAKKAD	0808z	04Oct2023	1.4m
BEYPORE	0821z	04Oct2023	1.3m
KANNUR	0831z	04Oct2023	1.3m
MAHE	0832z	04Oct2023	0.8m
KASARAGOD	0835z	04Oct2023	1.2m
KARWAR	0926z	04Oct2023	0.9m
MALVAN BAY	0952z	04Oct2023	0.6m
VASCO	0957z	04Oct2023	0.7m
PANAJI	0958z	04Oct2023	0.8m
JAIGARH	1014z	04Oct2023	0.7m
UDUPI	1031z	04Oct2023	1.0m
MANGALORE	1100z	04Oct2023	1.1m
ALIBAG PORT	1459z	04Oct2023	0.5m

INDONESIA

NAD ACEH-BESAR PULAU BREUEH	0421z	04Oct2023	14.0m
NAD KOTA-SABANG PULAU RONDO	0423z	04Oct2023	3.5m
NAD KOTA-SABANG PULAU WEH	0426z	04Oct2023	7.7m
NAD ACEH-BESAR PULAU PENAS	0431z	04Oct2023	17.0m
NAD ACEH-BESAR BAGIAN BARAT	0434z	04Oct2023	16.3m

NAD ACEH-JAYA	0435z	04Oct2023	8.7m
NAD ACEH-BESAR BAGIAN UTARA	0437z	04Oct2023	5.7m
NAD SIMEULUE PULAU SIMEULUE	0439z	04Oct2023	4.3m
NAD KOTA-BANDA-ACEH	0443z	04Oct2023	18.1m
NAD PIDIE	0444z	04Oct2023	9.7m
SUMUT NIAS BAGIAN BARAT	0454z	04Oct2023	2.7m
NAD BIREUEN	0500z	04Oct2023	4.6m
SUMUT NIAS BAGIAN TIMUR	0502z	04Oct2023	2.5m
NAD ACEH-SINGKIL KEPULAUAN BANYAK	0502z	04Oct2023	3.3m
SUMUT NIAS-SELATAN PULAU NIAS	0504z	04Oct2023	2.6m
NAD ACEH-BARAT	0506z	04Oct2023	7.0m
NAD NAGAN-RAYA	0506z	04Oct2023	7.5m
NAD ACEH-UTARA BAGIAN BARAT	0507z	04Oct2023	5.5m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0507z	04Oct2023	1.7m
NAD KOTA-LHOKSEUMAWA	0512z	04Oct2023	5.3m
NAD ACEH-SELATAN BAGIAN UTARA	0514z	04Oct2023	3.6m
SUMUT NIAS-SELATAN PULAU TANABALA	0522z	04Oct2023	1.7m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	0522z	04Oct2023	1.1m
NAD ACEH-BARAT-DAYA	0524z	04Oct2023	6.6m
NAD ACEH-UTARA BAGIAN TIMUR	0531z	04Oct2023	6.5m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0548z	04Oct2023	0.8m
NAD ACEH-SELATAN BAGIAN SELATAN	0552z	04Oct2023	4.2m
NAD ACEH-TIMUR	0554z	04Oct2023	4.8m
NAD ACEH-SINGKIL	0631z	04Oct2023	3.0m
SUMUT TAPANULI-TENGAH BAGIAN UTARA	0632z	04Oct2023	1.0m
SUMUT MANDAILING-NATAL BAGIAN UTARA	0654z	04Oct2023	1.4m
SUMUT TAPANULI-SELATAN	0707z	04Oct2023	1.8m
SUMUT TAPANULI-TENGAH KEP. MURSALA	0713z	04Oct2023	1.3m
NAD KOTA-LANGSA	0718z	04Oct2023	5.5m
NAD ACEH-TAMBIANG	0733z	04Oct2023	4.5m
LAMPUNG TANGGAMUS BAGIAN BARAT	0738z	04Oct2023	1.7m
SUMUT TAPANULI-TENGAH BAGIAN SELATAN	0743z	04Oct2023	1.3m
SUMBAR KOTA-PADANG BAGIAN UTARA	0802z	04Oct2023	1.5m
SUMUT LANGKAT	0818z	04Oct2023	2.7m
SUMUT NIAS-SELATAN PULAU PINI	0833z	04Oct2023	1.6m
SUMUT KOTA-MEDAN	0842z	04Oct2023	3.4m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0856z	04Oct2023	1.4m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0902z	04Oct2023	1.6m
SUMUT DELISERDANG	0903z	04Oct2023	1.3m
SUMUT SERDANG-BEDAGAI	0914z	04Oct2023	1.6m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0919z	04Oct2023	1.4m
LAMPUNG TANGGAMUS PULAU TABUAN	0919z	04Oct2023	0.6m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0920z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0923z	04Oct2023	1.2m
SUMBAR PASAMAN-BARAT	0940z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0947z	04Oct2023	1.4m
BENGKULU MUKOMUKO	0949z	04Oct2023	1.1m
BENGKULU SELUMA	0949z	04Oct2023	1.3m
BENGKULU KAUR	0949z	04Oct2023	1.2m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0949z	04Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0952z	04Oct2023	1.3m
JABAR SUKABUMI PELABUHAN-RATU	1006z	04Oct2023	1.2m
BANTEN PANDEGLANG BAGIAN SELATAN	1006z	04Oct2023	1.0m
SUMUT KOTA-SIBOLGA	1008z	04Oct2023	1.9m
JABAR SUKABUMI UJUNG-GENTENG	1010z	04Oct2023	1.0m
SUMUT ASAHAN	1011z	04Oct2023	1.4m
SUMBAR KOTA-PADANG BAGIAN SELATAN	1014z	04Oct2023	1.1m
BANTEN PANDEGLANG PULAU PANAITAN	1019z	04Oct2023	0.7m
JABAR CIANJUR SINDANGBARANG	1022z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN KALIANDA	1037z	04Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	1049z	04Oct2023	1.4m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	1123z	04Oct2023	0.8m
SUMBAR PESISIR-SELATAN BAGIAN UTARA	1125z	04Oct2023	0.7m
SUMUT MANDAILING-NATAL BAGIAN SELATAN	1126z	04Oct2023	1.4m
BANTEN LEBAK	1129z	04Oct2023	1.1m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	1131z	04Oct2023	0.7m
JATIM PACITAN	1135z	04Oct2023	0.8m
JABAR GARUT	1141z	04Oct2023	0.7m

SUMUT LABUHANBATU	1146z	04Oct2023	0.9m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	1147z	04Oct2023	0.7m
JATENG CILACAP	1148z	04Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN UTARA	1149z	04Oct2023	0.7m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1208z	04Oct2023	0.9m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	1210z	04Oct2023	0.7m
JATENG KEBUMEN	1211z	04Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1221z	04Oct2023	0.9m
SUMBAR AGAM	1224z	04Oct2023	0.7m
JATENG PURWOREJO	1231z	04Oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	1231z	04Oct2023	0.6m
JABAR TASIKMALAYA	1236z	04Oct2023	0.8m
BANTEN SERANG BAGIAN BARAT	1255z	04Oct2023	0.6m
SUMBAR KOTA-PARIAMAN	1257z	04Oct2023	0.7m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	1257z	04Oct2023	0.6m
JATIM TRENGGALEK	1306z	04Oct2023	0.7m
NTB LOMBOK-BARAT BAGIAN SELATAN	1311z	04Oct2023	0.5m
BENGKULU BENGKULU-SELATAN	1335z	04Oct2023	1.2m
DIY GUNUNG-KIDUL	1347z	04Oct2023	0.7m
DIY BANTUL	1347z	04Oct2023	0.9m
NTB DOMPU BAGIAN SELATAN	1348z	04Oct2023	0.6m
DIY KULON-PROGO	1355z	04Oct2023	0.5m
JATIM BLITAR	1407z	04Oct2023	0.7m
JABAR CIAMIS	1414z	04Oct2023	0.9m
RIAU ROKAN-HILIR	1429z	04Oct2023	0.6m
NTB LOMBOK-TENGAH	1432z	04Oct2023	0.7m
NTB LOMBOK-TIMUR BAGIAN SELATAN	1432z	04Oct2023	0.6m
JATIM JEMBER	1443z	04Oct2023	0.5m
JATIM LUMAJANG	1447z	04Oct2023	0.7m
BANTEN KOTA-CILEGON PULAU SANGIA	1450z	04Oct2023	0.5m
JATENG WONOGIRI	1459z	04Oct2023	0.8m
JATIM TULUNGAGUNG	1502z	04Oct2023	0.5m
JATIM MALANG	1506z	04Oct2023	0.5m
BALI BADUNG PANTAI-KUTA	1515z	04Oct2023	0.5m
BANTEN KOTA-CILEGON	1520z	04Oct2023	0.5m
JATIM JEMBER PULAU NUSABARUNG	1542z	04Oct2023	0.5m

IRAN

PUSHT 1205z 04Oct2023 0.6m

KENYA

KIWAYU 1211z 04Oct2023 1.2m
KIPINI 1237z 04Oct2023 1.1m
MALINDI 1237z 04Oct2023 1.2m
TAKAUNGU 1239z 04Oct2023 1.4m
MVULENI 1239z 04Oct2023 1.2m
KISIMACHANDE 1241z 04Oct2023 1.3m

MADAGASCAR

VOHEMAR 1131z 04Oct2023 1.2m
ANOROTSANGANA 1151z 04Oct2023 0.7m
TAMPOLO 1203z 04Oct2023 0.8m
AMBAHY 1214z 04Oct2023 0.8m
FARAFAGANA 1215z 04Oct2023 1.3m
MANANTENINA 1227z 04Oct2023 0.8m
SAMPONA 1304z 04Oct2023 0.8m
TOAMASINA AIRPORT 1401z 04Oct2023 0.6m
GLORIOSO ISLANDS 1455z 04Oct2023 0.6m

MALAYSIA

IOC Technical Series, 181 (I) Supplement 1
page 376

SATUN	0728z	04Oct2023	2.4m
YAN	0729z	04Oct2023	1.6m
WEST OF ALOR SETAR	0739z	04Oct2023	1.6m
SEBERANG PERAI SELATAN	0759z	04Oct2023	2.6m
SEBERANG PERAI UTARA AND BARAT DAYA	0801z	04Oct2023	2.2m
KERIAN	0817z	04Oct2023	1.9m
LARUT AND MATANG	0825z	04Oct2023	1.9m
KUALA MUDA	0827z	04Oct2023	1.4m
MANJUNG	0838z	04Oct2023	1.9m
HILIR PERAK	0953z	04Oct2023	1.3m
SABAK BERNAM	1124z	04Oct2023	1.0m
KUALA SELANGOR	1220z	04Oct2023	0.7m

MALDIVES

MALE	0705z	04Oct2023	7.7m
KULHUDUFFUSHI	0707z	04Oct2023	4.5m
KOLHUFUSHI	0707z	04Oct2023	7.4m
DHIYAMIGILI	0708z	04Oct2023	9.5m
THINADHOO	0709z	04Oct2023	4.6m
HITHADHOO	0713z	04Oct2023	5.2m
GOIDHOO	0720z	04Oct2023	2.6m
NILANDHOO	0725z	04Oct2023	5.0m
FERIDHOO	0726z	04Oct2023	3.3m

MAURITIUS

LA FERME	0950z	04Oct2023	1.5m
CARGADOS CARAJOS	1021z	04Oct2023	1.7m
AGALEGA ISLAND	1024z	04Oct2023	0.8m
GRANDE REVIERE SUD EST-EAST	1039z	04Oct2023	1.3m
GRANDE REVIERE SUD EST-WEST	1207z	04Oct2023	0.7m

MOZAMBIQUE

MAGANJA	1245z	04Oct2023	1.1m
QUITERAJO	1300z	04Oct2023	0.7m
TAVARI	1302z	04Oct2023	0.5m
PEMBA	1302z	04Oct2023	0.7m
MERONVI	1305z	04Oct2023	0.9m
MECUFI	1308z	04Oct2023	1.0m
NANGATA	1309z	04Oct2023	0.8m
LURIO	1310z	04Oct2023	0.7m
MINHAUINE	1315z	04Oct2023	1.1m
MURREBUE	1515z	04Oct2023	0.6m

MYANMAR

PREPARIS ISLAND	0524z	04Oct2023	2.1m
LITTLE COCO ISLAND	0528z	04Oct2023	2.1m
THAN KYUN	0535z	04Oct2023	5.3m
GREAT WESTERN TORRES ISLAND	0536z	04Oct2023	2.2m
LORD LOUGHBOROUGH ISLAND	0538z	04Oct2023	3.9m
KYWEGYAUNG	0550z	04Oct2023	1.7m
CHEDUBA ISLAND	0559z	04Oct2023	1.7m
MAGYIGYAING	0601z	04Oct2023	2.4m
MAWYEN	0604z	04Oct2023	1.5m
KYAUKPYU	0621z	04Oct2023	1.6m
THAWINCHAUNG	0625z	04Oct2023	1.5m
SITTWE	0627z	04Oct2023	2.1m
PHARPON	0704z	04Oct2023	1.5m
MALI KYUN	0712z	04Oct2023	1.8m
YANGON-S	0735z	04Oct2023	1.3m
YE	0744z	04Oct2023	1.3m

OMAN

AD DUQM	1035z	04Oct2023	0.7m
HASIK	1057z	04Oct2023	0.9m
SALALAH	1058z	04Oct2023	1.1m
MIRBAT	1103z	04Oct2023	1.3m
AL ASHKHARAH	1109z	04Oct2023	0.9m
TAQAH	1109z	04Oct2023	1.2m
AL JAZER	1112z	04Oct2023	0.6m
QURAYYAT	1123z	04Oct2023	0.7m
RAS AR RUWAYS	1249z	04Oct2023	0.6m
SUR	1318z	04Oct2023	0.8m

PAKISTAN

ORMARA	1140z	04Oct2023	0.7m
KARACHI	1221z	04Oct2023	0.7m

SEYCHELLES

FREGATE ISLAND	1010z	04Oct2023	2.1m
COETIVY ISLAND	1018z	04Oct2023	1.8m
ILE DESROCHES	1043z	04Oct2023	1.2m
ALPHONSE ISLAND	1057z	04Oct2023	0.8m
TAKAMAKA	1108z	04Oct2023	2.1m
FARQUHAR GROUP	1112z	04Oct2023	1.0m
ALDABRA	1150z	04Oct2023	0.8m
ASTOVE ISLAND	1345z	04Oct2023	0.7m

SOMALIA

BANDER-BEYLA	1104z	04Oct2023	2.3m
EYL	1109z	04Oct2023	3.7m
TOOXIN	1110z	04Oct2023	2.5m
GALDOGOB	1114z	04Oct2023	2.7m
JARIIBAN	1116z	04Oct2023	2.9m
XARARDHEERE	1122z	04Oct2023	2.9m
CEEL DHEER	1123z	04Oct2023	2.8m
ITALA	1124z	04Oct2023	1.9m
MAREEG	1125z	04Oct2023	1.7m
ABO	1129z	04Oct2023	1.4m
UARSCIECH	1131z	04Oct2023	1.7m
MUQDISHO	1136z	04Oct2023	1.6m
BEYNAX BARRE	1143z	04Oct2023	2.0m
BARAAWE	1148z	04Oct2023	1.8m
JILIB	1157z	04Oct2023	1.8m
TURDHO	1159z	04Oct2023	1.9m
NE BEERNAASI	1202z	04Oct2023	1.9m
KAAMBOONI	1210z	04Oct2023	1.6m
QANDALA	1247z	04Oct2023	0.6m

SOUTH AFRICA

GWABALANDA HITAWI	1511z	04Oct2023	0.5m
ABORETUM	1528z	04Oct2023	0.5m
MARSHSTRAND	1537z	04Oct2023	0.5m
ZIKHOVA	1539z	04Oct2023	0.5m
PEDDIE	1546z	04Oct2023	0.5m

SRI LANKA

BATTICALOA	0538z	04Oct2023	9.0m
AKKARAIPATTU	0539z	04Oct2023	7.1m
KIRINDA	0542z	04Oct2023	9.5m
ANAITIVU	0545z	04Oct2023	3.9m
KATTANKUDI	0545z	04Oct2023	8.2m
PANKULAM	0545z	04Oct2023	5.6m
OKANDA	0546z	04Oct2023	11.5m
POTTUVIL	0547z	04Oct2023	9.6m
MULLAITTIVU	0550z	04Oct2023	6.7m
TANGALLE	0555z	04Oct2023	7.0m
MATARA	0557z	04Oct2023	7.8m
HAMBANTOTA	0559z	04Oct2023	9.5m
CHUNDIKKULAM	0605z	04Oct2023	4.2m
AMBALANGODA	0606z	04Oct2023	4.2m
GALLE	0606z	04Oct2023	6.6m
CHAVAKACHCHERI	0612z	04Oct2023	4.5m
POINT PEDRO	0613z	04Oct2023	4.6m
BERUWALA	0619z	04Oct2023	3.9m
COLOMBO	0620z	04Oct2023	3.3m
MORATUWA	0623z	04Oct2023	4.1m
NEGOMBO	0627z	04Oct2023	2.9m
MUNDAL LAKE	0632z	04Oct2023	2.9m
MANNAR ISLAND	0637z	04Oct2023	2.0m
MUSALI	0654z	04Oct2023	1.6m

TANZANIA

VUMBA	1233z	04Oct2023	0.8m
VUMBI	1234z	04Oct2023	0.8m
ZANZIBAR	1238z	04Oct2023	1.0m
JIMBO	1241z	04Oct2023	0.8m
GAZIJA	1243z	04Oct2023	1.0m
SONGO SONGO ISLAND	1244z	04Oct2023	0.9m
KUTANI	1246z	04Oct2023	1.1m
MADANGWA	1246z	04Oct2023	1.7m
RUVU	1247z	04Oct2023	0.9m
MSASANI	1254z	04Oct2023	0.6m
BOMALANDNI	1341z	04Oct2023	0.8m
WEST TO KONDE	1344z	04Oct2023	0.9m

THAILAND

THAI MUEANG	0532z	04Oct2023	8.6m
KO RACHA NOI	0539z	04Oct2023	5.4m
KOH SURIN TAI	0544z	04Oct2023	6.7m
KOH LANTA YAI	0615z	04Oct2023	2.5m
THAI MUEANG_TAKUA PA	0619z	04Oct2023	8.1m
KOH ROK	0620z	04Oct2023	2.5m
MUEANG SATUN	0625z	04Oct2023	2.4m
KOH TARUTAO	0739z	04Oct2023	3.5m

UNITED KINGDOM

MORESBY ISLAND	0734z	04Oct2023	4.2m
DIEGO GARCIA	0738z	04Oct2023	3.0m
NW EGMONT ISLAND	0757z	04Oct2023	2.3m

YEMEN

DAMQAWT	1101z	04Oct2023	1.2m
AL GHAYDAH AIRPORT	1108z	04Oct2023	1.3m
SOCOTRA ISLAND NORTH	1114z	04Oct2023	1.2m
SOCOTRA ISLAND SOUTH	1115z	04Oct2023	2.0m
HUSWAYN	1118z	04Oct2023	1.4m

SOCOTRA ISLAND WEST	1120z	04Oct2023	0.9m
ALQUMRAH	1144z	04Oct2023	0.9m
MASILAH WADI	1302z	04Oct2023	0.8m
HAMI	1309z	04Oct2023	0.5m
HARRAH	1314z	04Oct2023	0.5m
AL MUKALLA	1349z	04Oct2023	0.7m

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 IOTWMS-TSP INDONESIA for this event as more information becomes available.

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

IOTWMS-TSP INDONESIA:

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS (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://rtsp.bmkg.go.id/publicbull.php>

<https://www.bmkg.go.id>

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monitrtp@bmkg.go.id

END OF BULLETIN

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BULLETIN 15

TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST
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TSP-InaTEWS-20231004-1600-015

TSUNAMI BULLETIN NUMBER 15 (TYPE-IV FINAL BULLETIN)
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)
issued at 1600 UTC, Oct 04, 2023

... FINAL TSUNAMI BULLETIN FOR THE INDIAN OCEAN ...

This bulletin applies to areas within and bordering the Indian Ocean. It is issued in support of the UNESCO/IOC Indian Ocean Tsunami Warning and Mitigation System (IOTWMS).

1. EARTHQUAKE INFORMATION

IOTWMS-TSP INDONESIA detected an earthquake with the following details:

Magnitude : 9.0 Mwp (UPDATED)
Depth : 10km
Date : 04 Oct 2023
Origin Time: 0400 UTC
Latitude : 7.20N
Longitude : 92.90E
Location : Nicobar, India

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 IOTWMS-TSP INDONESIA modelling.

Because local conditions can cause a wide variation in tsunami wave action, CANCELLATION of national warnings and ALL CLEAR determination must be made by national/state/local authorities. Please be aware that dangerous currents can continue for several hours after the main tsunami waves have passed.

3. TSUNAMI WAVE OBSERVATIONS

Listed below are maximum wave amplitudes recorded at the specified locations. Note that wave amplitude is measured relative to normal sea level; it is NOT the crest-to-trough wave height.

LOCATION	COUNTRIES	LAT	LON	TIME (UTC)	DATE	AMPL (m)
Campbell Bay	INDIA	7.00N	93.93E	0429z UTC	4 Oct 2023	6.0m
Sabang	INDONESIA	5.83N	95.33E	0430z UTC	4 Oct 2023	3.7m
Port Blair	INDIA	11.68N	92.76E	0439z UTC	4 Oct 2023	3.6m
DART 23227	INDIA	6.26N	88.79E	0441z UTC	4 Oct 2023	2.6m
Nancowry	INDIA	8.05N	93.55E	0508z UTC	4 Oct 2023	8.5m
Telukdalam	INDONESIA	0.55N	97.82E	0508z UTC	4 Oct 2023	2.0m
Meulaboh	INDONESIA	4.13N	96.13E	0514z UTC	4 Oct 2023	9.1m
DART 23218	INDIA	10.17N	88.50E	0516z UTC	4 Oct 2023	0.5m
Tanahbala	INDONESIA	0.53S	98.50E	0530z UTC	4 Oct 2023	1.1m
Ko Miang	THAILAND	8.55N	97.63E	0539z UTC	4 Oct 2023	3.3m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0541z UTC	4 Oct 2023	2.3m
Trincomalee	SRI LANKA	8.56N	81.20E	0547z UTC	4 Oct 2023	4.8m
Haing Gyi Kyun	MYANMAR	16.00N	94.32E	0611z UTC	4 Oct 2023	3.6m
Enggano	INDONESIA	5.35S	102.28E	0612z UTC	4 Oct 2023	0.9m
Padang	INDONESIA	0.95S	100.37E	0614z UTC	4 Oct 2023	0.8m
Chennai	INDIA	13.10N	80.30E	0620z UTC	4 Oct 2023	6.1m
Pulau Perak	MALAYSIA	5.68N	98.94E	0624z UTC	4 Oct 2023	2.5m
Cocos Island	AUSTRALIA	12.12S	96.89E	0626z UTC	4 Oct 2023	1.2m
Visakhapatnam	INDIA	17.68N	83.28E	0629z UTC	4 Oct 2023	4.0m
Colombo	SRI LANKA	6.95N	79.85E	0632z UTC	4 Oct 2023	4.0m

Seblat	INDONESIA	3.22S	101.60E	0634z	UTC	4 Oct 2023	1.6m
Christmas Island	AUSTRALIA	10.43N	105.67E	0645z	UTC	4 Oct 2023	1.4m
Sibolga	INDONESIA	1.73N	98.80E	0645z	UTC	4 Oct 2023	2.8m
Sittwe	MYANMAR	20.15N	92.90E	0646z	UTC	4 Oct 2023	2.2m
Gan	MALDIVE	0.69S	73.15E	0712z	UTC	4 Oct 2023	5.6m
Hanimadhoo	MALDIVE	6.77N	73.17E	0718z	UTC	4 Oct 2023	4.6m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0719z	UTC	4 Oct 2023	0.8m
DART 23223	INDIA	17.33N	89.48E	0721z	UTC	4 Oct 2023	0.5m
Kirinda	SRI LANKA	6.20N	81.32E	0721z	UTC	4 Oct 2023	4.5m
Minicoy	INDIA	8.28N	73.05E	0724z	UTC	4 Oct 2023	2.0m
Sebesi Island	INDONESIA	5.94S	105.51E	0726z	UTC	4 Oct 2023	0.7m
Langkawi	MALAYSIA	6.42N	99.77E	0728z	UTC	4 Oct 2023	1.1m
Marina Jambu	INDONESIA	6.19S	105.84E	0729z	UTC	4 Oct 2023	0.8m
Porto Malai	MALAYSIA	6.26N	99.73E	0730z	UTC	4 Oct 2023	4.4m
Pangandaran	INDONESIA	7.75S	108.50E	0736z	UTC	4 Oct 2023	0.9m
Diego Garcia	UK	7.29S	72.39E	0739z	UTC	4 Oct 2023	3.1m
Cilacap	INDONESIA	7.75S	109.00E	0741z	UTC	4 Oct 2023	1.3m
Sadeng	INDONESIA	8.19S	110.80E	0747z	UTC	4 Oct 2023	0.9m
Pacitan	INDONESIA	8.27S	111.37E	0754z	UTC	4 Oct 2023	0.9m
Prigi	INDONESIA	8.28S	111.73E	0758z	UTC	4 Oct 2023	0.8m
Popoh	INDONESIA	8.26S	111.80E	0800z	UTC	4 Oct 2023	0.8m
Cuddalore	INDIA	11.71N	79.78E	0801z	UTC	4 Oct 2023	4.3m
Cochin	INDIA	9.96N	76.26E	0817z	UTC	4 Oct 2023	2.4m
Benoa	INDONESIA	8.77S	115.22E	0831z	UTC	4 Oct 2023	0.4m
Lembar	INDONESIA	8.73S	116.07E	0854z	UTC	4 Oct 2023	0.3m
Muncar Banyuwangi	INDONESIA	8.44S	114.35E	0855z	UTC	4 Oct 2023	0.3m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0924z	UTC	4 Oct 2023	1.1m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0940z	UTC	4 Oct 2023	0.7m
Rote	INDONESIA	10.71S	123.06E	0942z	UTC	4 Oct 2023	0.3m
Marmagao	INDIA	15.41N	73.80E	0948z	UTC	4 Oct 2023	1.5m
Rodrigues	MAURITIUS	19.68S	63.42E	0950z	UTC	4 Oct 2023	3.3m
Denis Island	SEYCHELLES	3.80S	55.67E	1005z	UTC	4 Oct 2023	1.5m
Agalega	MAURITIUS	10.35S	56.59E	1019z	UTC	4 Oct 2023	1.4m
Blue Bay	MAURITIUS	20.44S	57.71E	1030z	UTC	4 Oct 2023	0.8m
DART 23226	INDIA	20.20N	67.33E	1034z	UTC	4 Oct 2023	0.1m
Chittagong	BANGLADESH	22.33N	91.83E	1044z	UTC	4 Oct 2023	2.9m
Pt.Louis	MAURITIUS	20.16S	57.50E	1044z	UTC	4 Oct 2023	0.7m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	1046z	UTC	4 Oct 2023	0.7m
Salalah	OMAN	16.93N	54.01E	1052z	UTC	4 Oct 2023	1.7m
Gwadar	PAKISTAN	25.11N	62.34E	1058z	UTC	4 Oct 2023	0.8m
Geraldton	AUSTRALIA	28.76S	114.56E	1100z	UTC	4 Oct 2023	1.3m
Veeraval	INDIA	20.90N	70.36E	1104z	UTC	4 Oct 2023	0.4m
Muscat	OMAN	23.63N	58.57E	1105z	UTC	4 Oct 2023	0.9m
Duqm	OMAN	19.66N	57.72E	1109z	UTC	4 Oct 2023	1.7m
Jask	IRAN	25.63N	57.77E	1130z	UTC	4 Oct 2023	0.4m
Khawr Wudam	OMAN	23.87N	57.52E	1137z	UTC	4 Oct 2023	0.3m
Majis	OMAN	24.52N	56.61E	1143z	UTC	4 Oct 2023	0.3m
Toamasina	MADAGASCAR	18.15S	49.43E	1149z	UTC	4 Oct 2023	0.9m
Keti Bandar	PAKISTAN	24.13N	67.43E	1151z	UTC	4 Oct 2023	0.6m
Broome	AUSTRALIA	18.00S	122.22E	1156z	UTC	4 Oct 2023	0.2m
Dzaoudzi	FRANCE	12.78S	45.26E	1210z	UTC	4 Oct 2023	0.3m
Comores	COMORES	11.70S	43.25E	1225z	UTC	4 Oct 2023	0.2m
Lamu	KENYA	2.27S	40.90E	1233z	UTC	4 Oct 2023	1.2m
Mombasa	KENYA	4.07S	39.65E	1240z	UTC	4 Oct 2023	3.0m
Aden	YEMEN	12.79N	44.97E	1241z	UTC	4 Oct 2023	0.3m
Esperance	AUSTRALIA	33.87S	121.90E	1245z	UTC	4 Oct 2023	0.1m
Mtwara	TANZANIA	10.27S	40.20E	1246z	UTC	4 Oct 2023	1.1m
Ennore	INDIA	13.20N	80.32E	1312z	UTC	4 Oct 2023	4.7m
Karachi	PAKISTAN	24.81N	66.97E	1320z	UTC	4 Oct 2023	0.5m
Waikelo	INDONESIA	9.39S	119.22E	1349z	UTC	4 Oct 2023	0.2m
Masirah	OMAN	20.68N	58.87E	1354z	UTC	4 Oct 2023	0.8m
DART 23228	INDIA	20.76N	65.28E	1404z	UTC	4 Oct 2023	0.1m
Pemba	MOZAMBIQUE	12.97S	40.48E	1425z	UTC	4 Oct 2023	0.2m
Machilipatnam	INDIA	16.14N	81.19E	1430z	UTC	4 Oct 2023	2.7m
Zanzibar	TANZANIA	6.15S	39.18E	1444z	UTC	4 Oct 2023	0.7m
Nagapattinam	INDIA	10.77N	79.85E	1448z	UTC	4 Oct 2023	3.5m

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 IOTWMS-TSP INDONESIA for this event unless additional information becomes available.

Other IOTWMS-TSPs may issue additional information at:

IOTWMS-TSP AUSTRALIA: <http://reg.bom.gov.au/tsunami/rtsp/>

IOTWMS-TSP INDIA: <http://www.incois.gov.in/Incois/tsunami/eqevents.jsp>

6. CONTACT INFORMATION

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END OF BULLETIN

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