



# EXERCISE INDIAN OCEAN WAVE 23

## An Indian Ocean-wide Tsunami Warning and Communications Exercise 4–25 October 2023

**Volume 1**

**Exercise Manual**

---

**Supplement 4**

**TSP Bulletins for Scenario 4: Java Trench**

To be issued by the TSPs to NTWCs/TWFPs on 25 October 2023

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## **An Indian Ocean-wide Tsunami Warning and Communications Exercise 4–25 October 2023**

**Volume 1**

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**UNESCO 2023**



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

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## **INTRODUCTION**

This document contains all the products generated by the Tsunami Service Providers (TSPs) in Australia, India, and Indonesia in advance of the Java Trench scenario of Exercise Indian Ocean Wave 2023 (IOWave23) to be conducted on 25 October 2023.

# 1. TSP AUSTRALIA MAPS

## M8.3

Figure S4-01. Threat Map

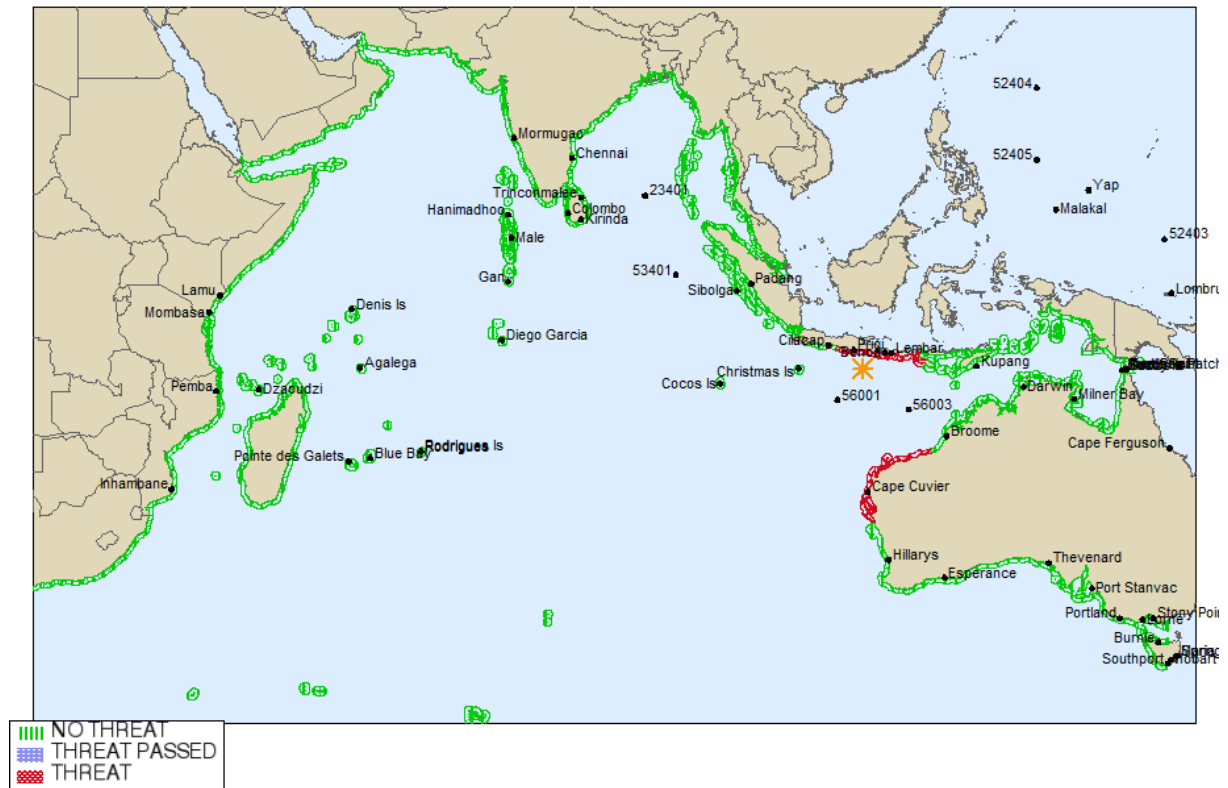


Figure S4-02. Travel Time Map

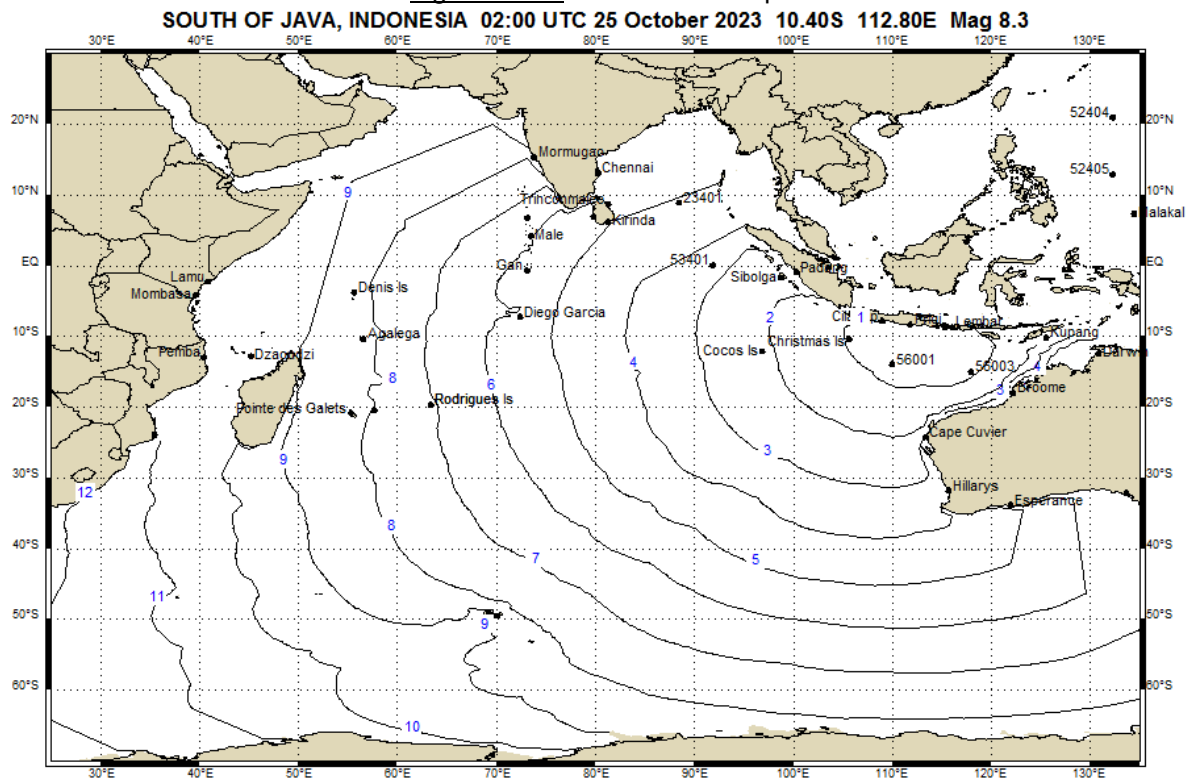
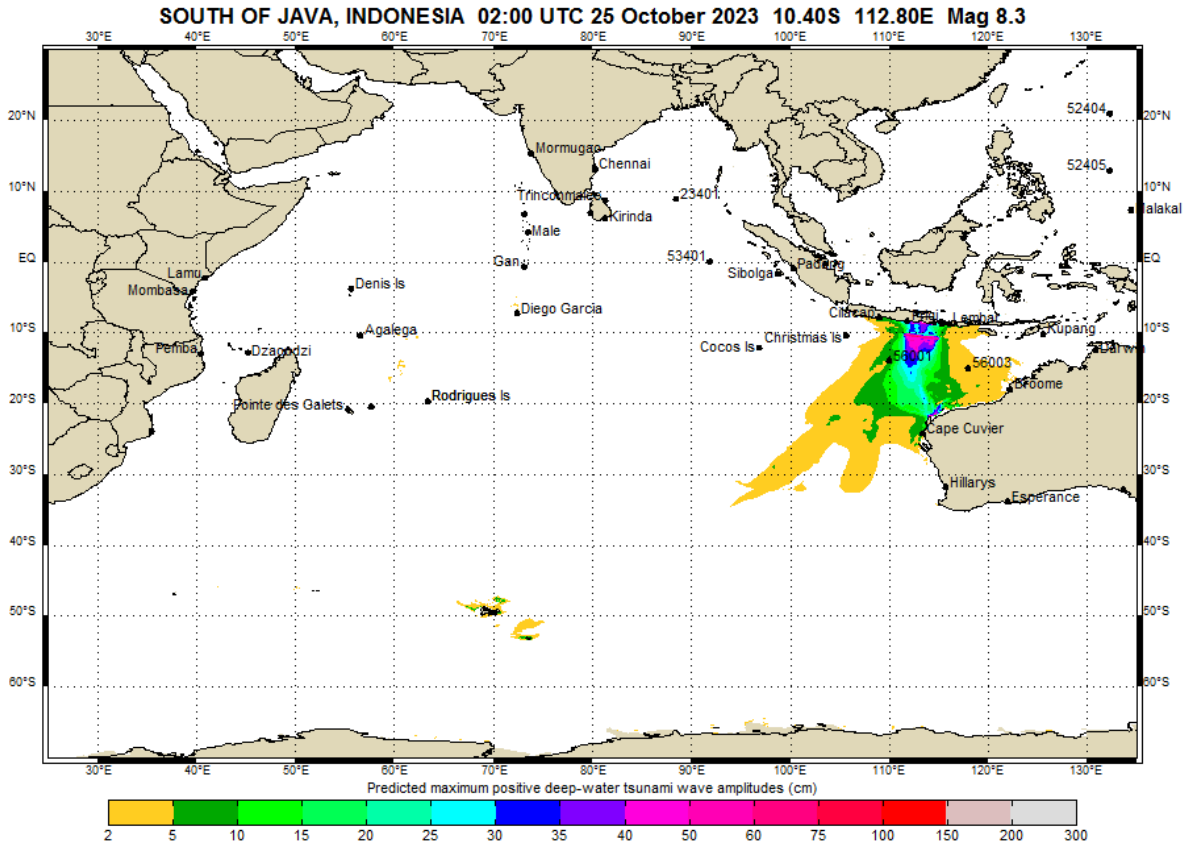




Figure S4-03. Wave Amplitude Map



**M8.9**

Figure S4-04. Threat Map

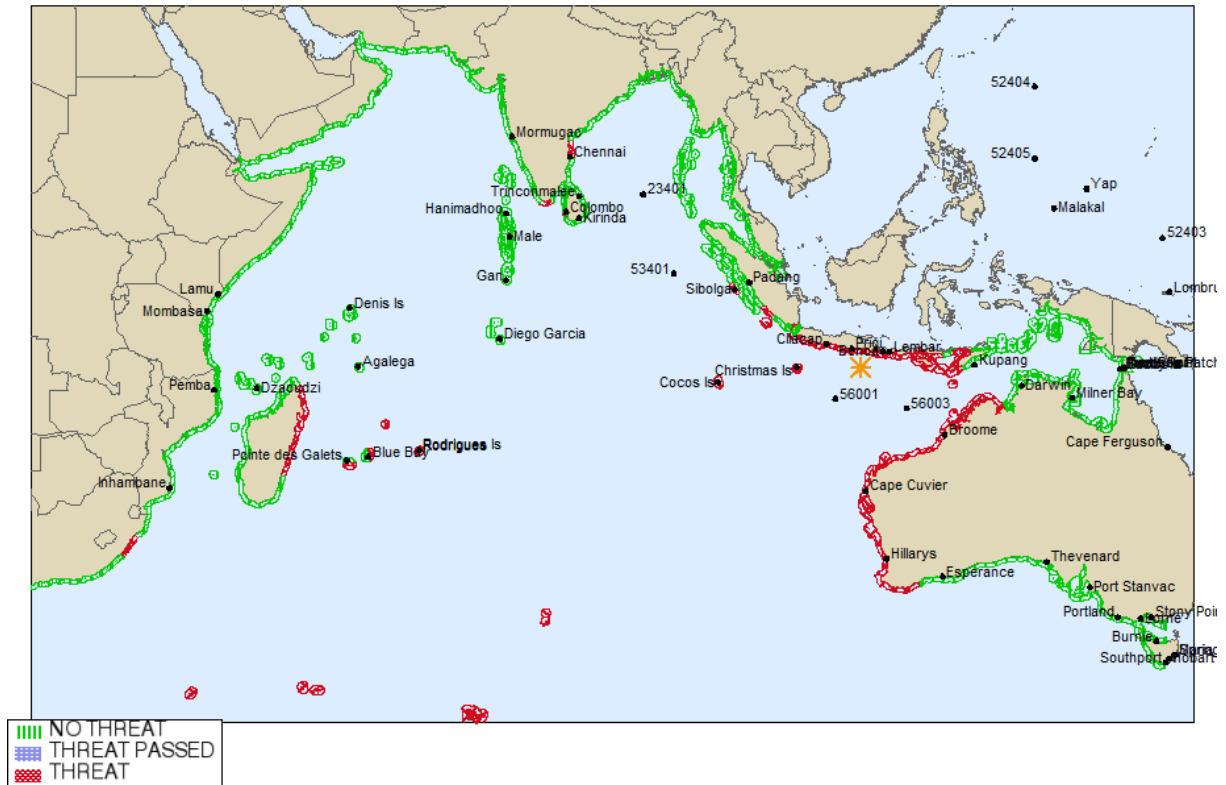


Figure S4-1-05. Travel Time Map

SOUTH OF JAVA, INDONESIA 02:00 UTC 25 October 2023 10.40S 112.80E Mag 8.9

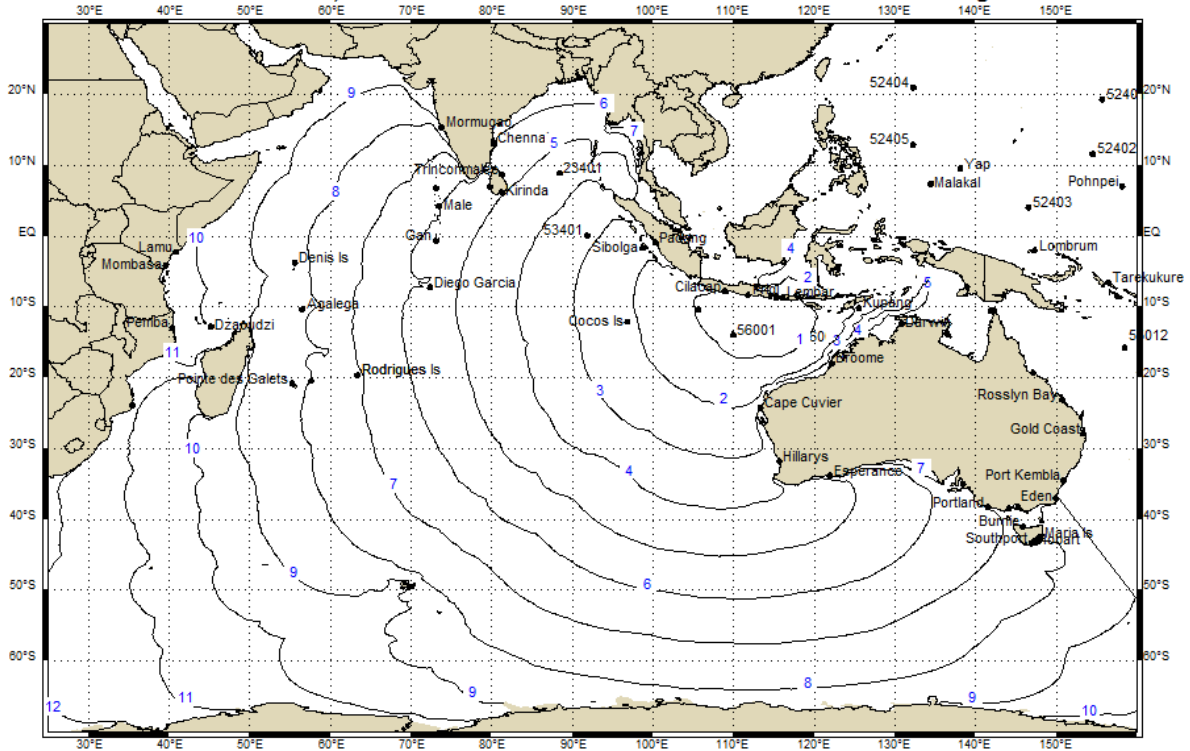
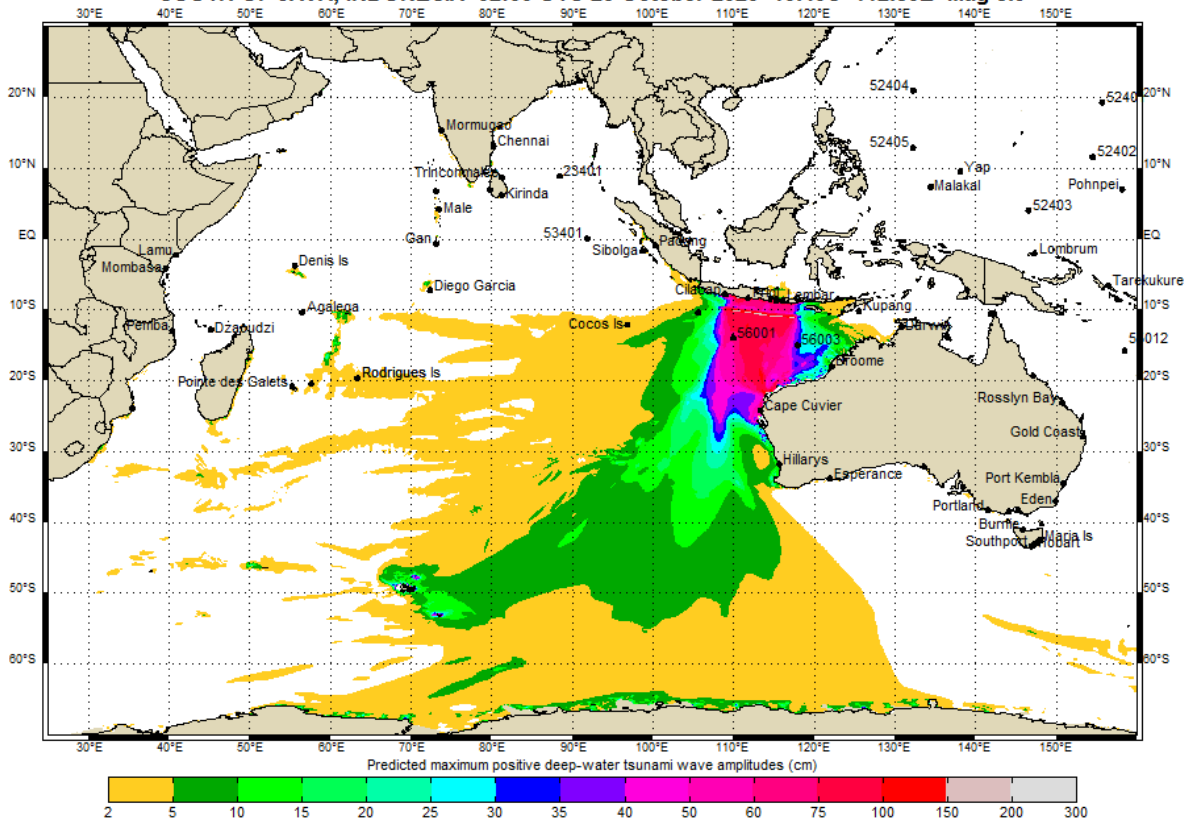


Figure S4-06. Wave Amplitude Map

SOUTH OF JAVA, INDONESIA 02:00 UTC 25 October 2023 10.40S 112.80E Mag 8.9



M9.0

Figure S4-07. Threat Map

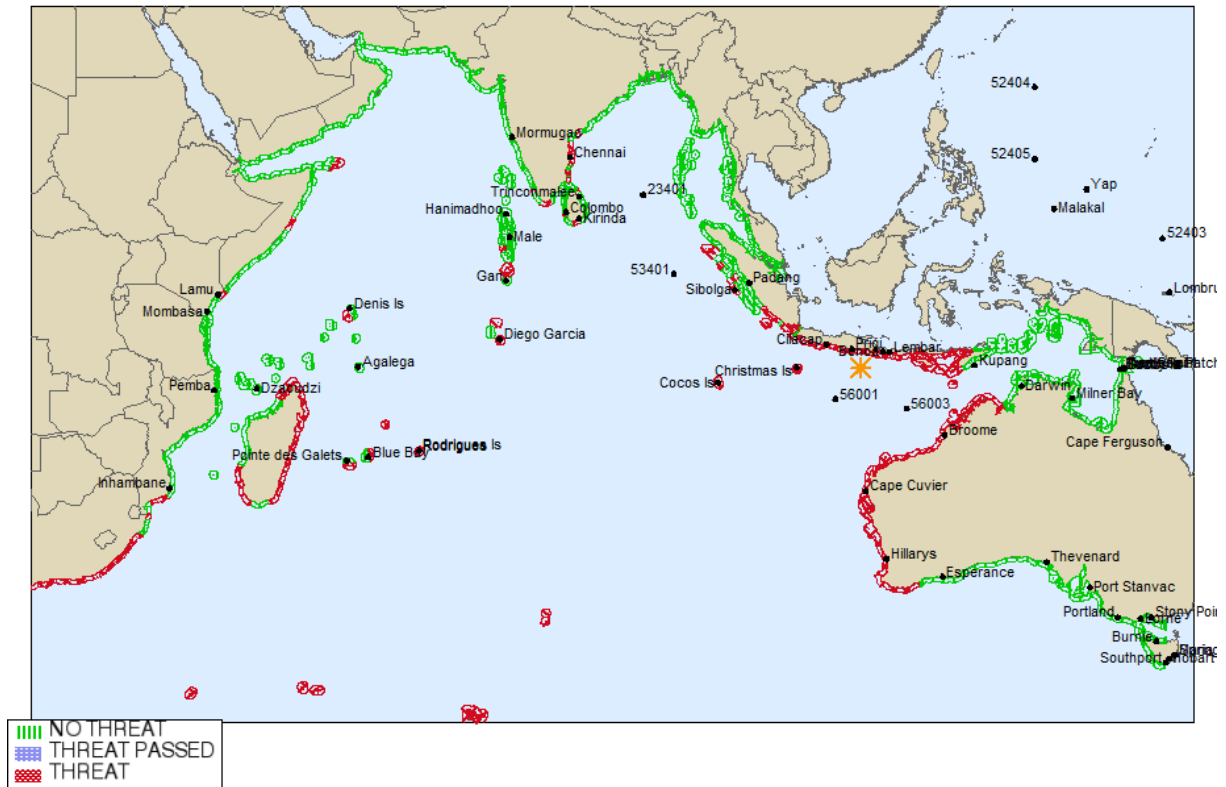


Figure S4-08. Travel Time Map

SOUTH OF JAVA, INDONESIA 02:00 UTC 25 October 2023 10.40S 112.80E Mag 9.0

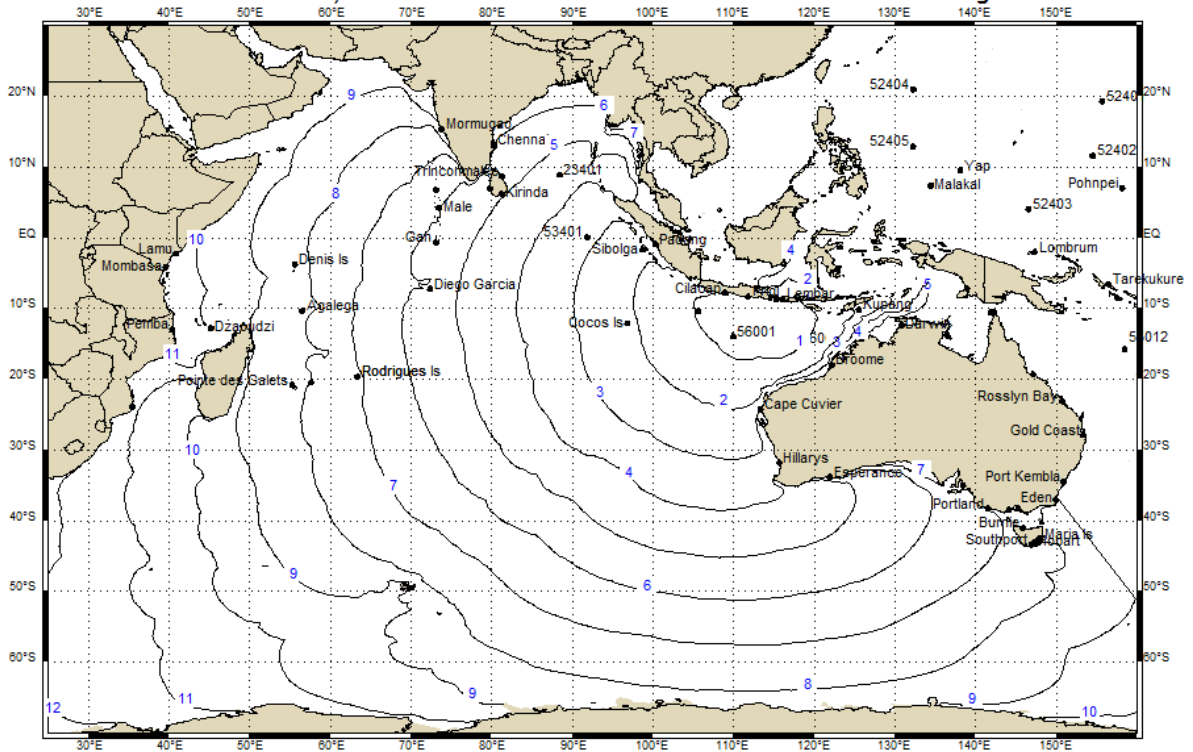
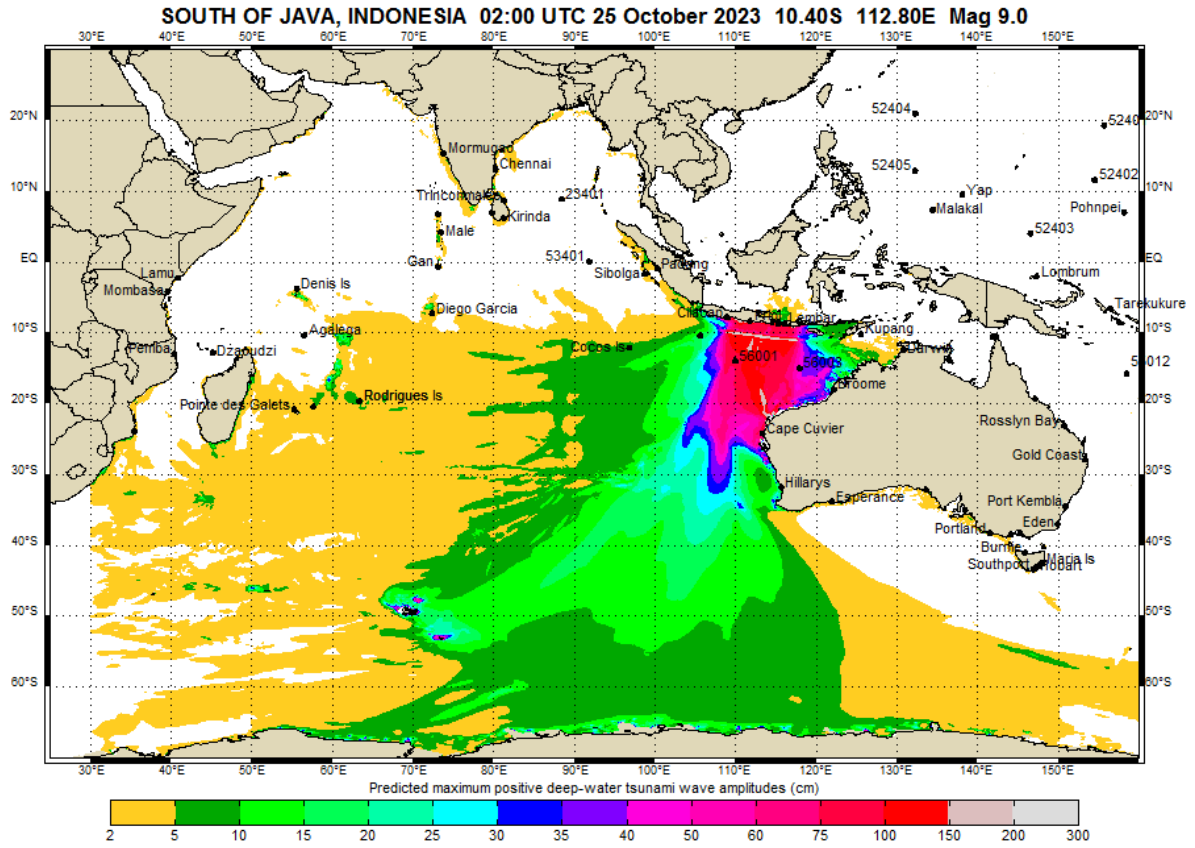


Figure S4-09. Wave Amplitude Map



**M9.1**

Figure S4-10. Threat Map

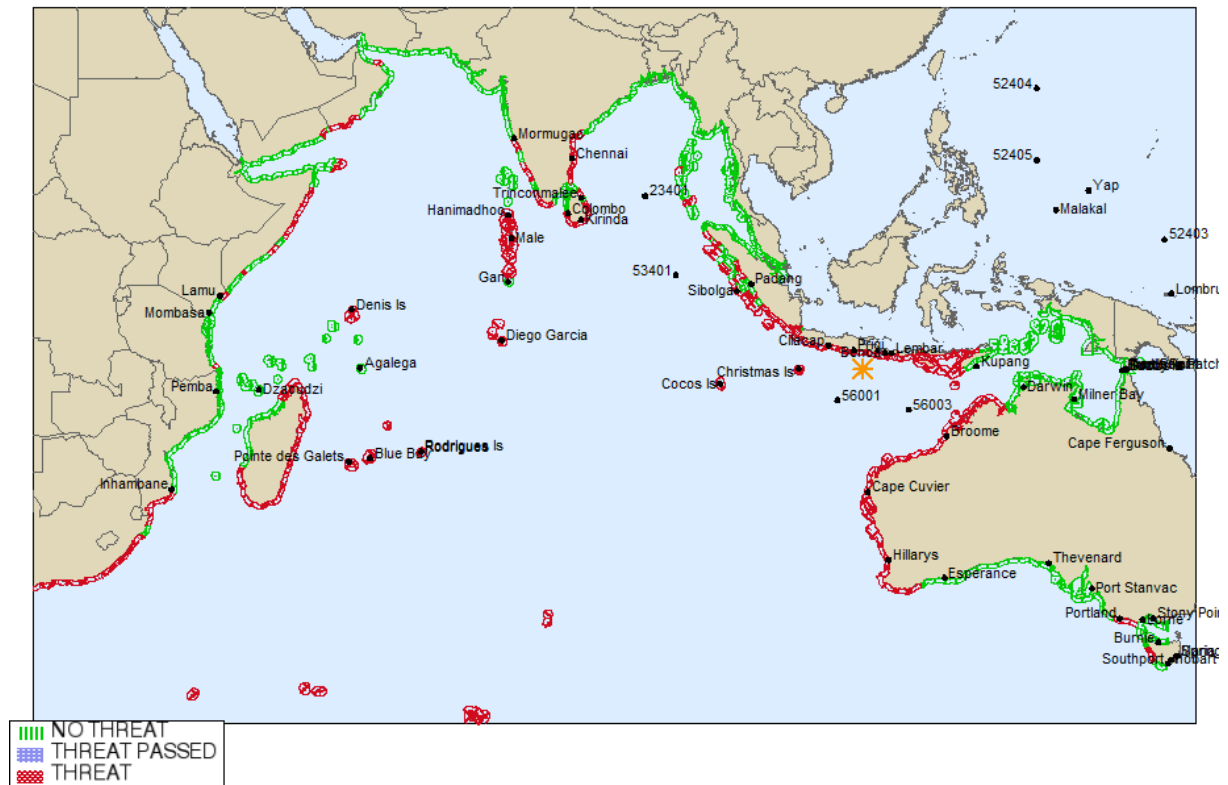


Figure S4-11. Travel Time Map  
SOUTH OF JAVA, INDONESIA 02:00 UTC 25 October 2023 10.40S 112.80E Mag 9.1

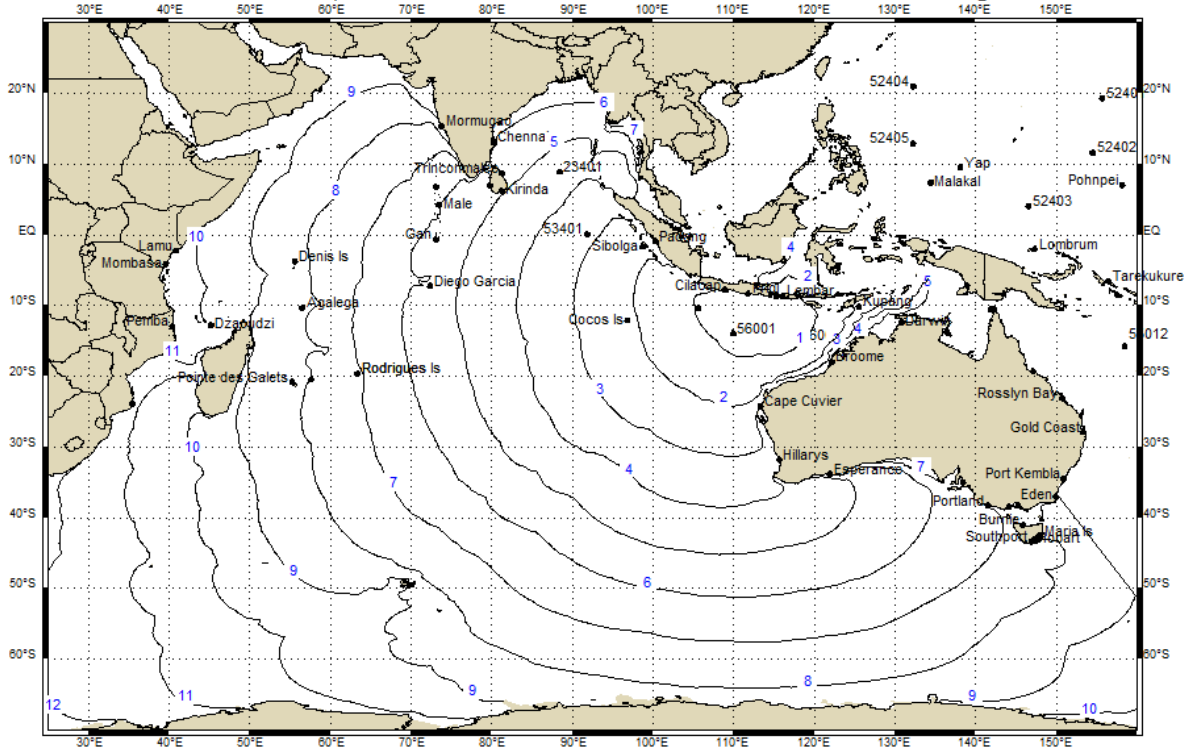
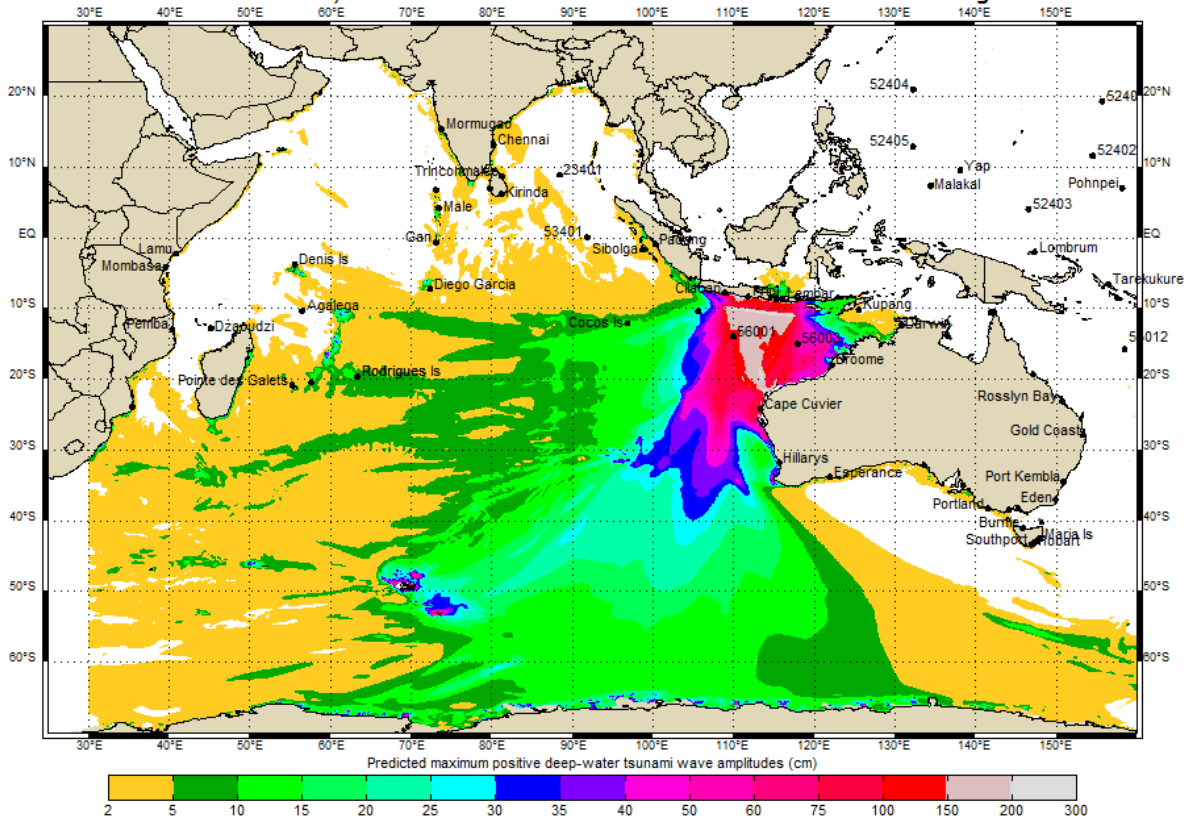


Figure S4-12. Wave Amplitude Map  
SOUTH OF JAVA, INDONESIA 02:00 UTC 25 October 2023 10.40S 112.80E Mag 9.1



## 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 0210 UTC Wednesday 25 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 AUSTRALIA has detected an earthquake with the following preliminary information:

Magnitude: 8.3 Mwp  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

### 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 0212 UTC Wednesday 25 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: 8.3 Mwp  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

### 2. EVALUATION

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

An investigation is under way to determine if a tsunami has been triggered. This 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.

AUSTRALIA

NINGALOO COAST	0410Z	25Oct2023	2.30m
PILBARA COAST WEST	0448Z	25Oct2023	1.02m
PILBARA COAST EAST	0528Z	25Oct2023	0.55m
GASCOYNE COAST	0540Z	25Oct2023	0.60m
AURORA BANK	1144Z	25Oct2023	0.60m
HEARD ISLAND AND MCDONALD ISLANDS	1152Z	25Oct2023	0.68m

INDONESIA

JATIM BANYUWANGI S	0218Z	25Oct2023	4.64m
BALI DENPASAR PANTAI-SANUR	0220Z	25Oct2023	1.86m
BALI BADUNG PANTAI-KUTA	0220Z	25Oct2023	2.25m
BALI KLUNGKUNG P.NUSAPENIDA	0222Z	25Oct2023	2.03m
BALI TABANAN	0222Z	25Oct2023	2.13m
JATIM TRENGGALEK	0224Z	25Oct2023	2.00m
JATIM JEMBER P.NUSABARUNG	0224Z	25Oct2023	5.63m
JATIM MALANG	0224Z	25Oct2023	3.39m
NTB LOMBOK-BARAT S	0224Z	25Oct2023	1.40m
JATIM JEMBER	0224Z	25Oct2023	4.87m
NTB LOMBOK-TENGAH	0226Z	25Oct2023	1.08m
JATIM BLITAR	0228Z	25Oct2023	1.59m
JATIM PACITAN	0232Z	25Oct2023	1.20m
NTB LOMBOK-TIMUR S	0234Z	25Oct2023	0.99m
NTB SUMBAWA B	0234Z	25Oct2023	1.30m
JATENG WONOGIRI	0236Z	25Oct2023	0.79m
DIY GUNUNG-KIDUL	0236Z	25Oct2023	0.79m
JATIM LUMAJANG	0236Z	25Oct2023	1.20m
JATIM TULUNGAGUNG	0236Z	25Oct2023	0.69m
JATENG PURWOREJO	0250Z	25Oct2023	0.51m
DIY BANTUL	0252Z	25Oct2023	0.58m
NTT SUMBA B	0256Z	25Oct2023	0.61m
NTB DOMPU S	0256Z	25Oct2023	0.56m
NTB SUMBAWA S	0258Z	25Oct2023	0.51m
NTB KOTA-BIMA S	0300Z	25Oct2023	0.51m
BANTEN PANDEGLANG S	0416Z	25Oct2023	0.50m
JABAR SUKABUMI PELABUHAN-RATU	0420Z	25Oct2023	0.95m
JATENG CILACAP	0438Z	25Oct2023	0.68m

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 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 0230 UTC Wednesday 25 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: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

Benoa	INDONESIA	8.83S	115.33E	11.79m	25 Oct 02:26
-------	-----------	-------	---------	--------	--------------

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

CHRISTMAS ISLAND	0224Z	25Oct2023	1.47m
ASHMORE REEF	0306Z	25Oct2023	0.55m
COCOS ISLAND	0344Z	25Oct2023	0.55m
NINGALOO COAST	0406Z	25Oct2023	14.23m
PILBARA COAST WEST	0408Z	25Oct2023	3.51m
WEST KIMBERLY COAST	0424Z	25Oct2023	1.37m
PILBARA COAST EAST	0430Z	25Oct2023	1.72m
GASCOYNE COAST	0452Z	25Oct2023	3.95m
GERALDTON COAST	0512Z	25Oct2023	1.29m
NORTH KIMBERLY COAST	0540Z	25Oct2023	0.67m
PERTH COAST	0546Z	25Oct2023	0.58m
BUNBURY GEOGRAPHE COAST	0606Z	25Oct2023	0.80m
LEEUEWIN COAST	0620Z	25Oct2023	0.59m
LANCELIN COAST	0710Z	25Oct2023	0.51m
ALBANY COAST	0728Z	25Oct2023	0.50m
HEARD ISLAND AND MCDONALD ISLANDS	1042Z	25Oct2023	3.65m
AURORA BANK	1100Z	25Oct2023	1.98m

FRANCE

ILE SAINT-PAUL-NORTH	0830Z	25Oct2023	0.71m
ILE SAINT-PAUL-SOUTH	0910Z	25Oct2023	0.70m
ILE KERGUELEN	1026Z	25Oct2023	1.41m
ILE DE LA POSSESSION	1208Z	25Oct2023	0.54m
SAINT-JOSEPH	1218Z	25Oct2023	0.56m
CROZET PLATEAU	1230Z	25Oct2023	1.20m
NES CROZET	1350Z	25Oct2023	0.64m

INDIA

KANYAKUMARI	1338Z	25Oct2023	0.58m
SRIHARIKOTA	1452Z	25Oct2023	0.55m
KOODANKULAM	1454Z	25Oct2023	0.58m
ENNORE	1934Z	25Oct2023	0.71m

INDONESIA

NTB SUMBAWA B	0216Z	25Oct2023	14.92m
JATIM BANYUWANGI S	0216Z	25Oct2023	11.90m
NTB LOMBOK-TENGAH	0218Z	25Oct2023	11.90m
BALI DENPASAR PANTAI-SANUR	0218Z	25Oct2023	10.59m
NTB LOMBOK-BARAT S	0218Z	25Oct2023	11.95m
BALI BADUNG PANTAI-KUTA	0218Z	25Oct2023	11.09m
NTB LOMBOK-TIMUR S	0218Z	25Oct2023	9.94m
BALI KLUNGKUNG P.NUSAPENIDA	0218Z	25Oct2023	12.05m
BALI TABANAN	0220Z	25Oct2023	8.63m
NTB SUMBAWA S	0220Z	25Oct2023	4.46m
JATIM MALANG	0222Z	25Oct2023	8.08m
NTT SUMBA B	0222Z	25Oct2023	2.20m
JATIM JEMBER	0222Z	25Oct2023	10.09m
JATIM JEMBER P.NUSABARUNG	0222Z	25Oct2023	10.97m
JATIM TRENGGALEK	0222Z	25Oct2023	8.87m
JABAR TASIKMALAYA	0224Z	25Oct2023	2.35m
JATENG PURWOREJO	0224Z	25Oct2023	5.64m
JATENG KEBUMEN	0224Z	25Oct2023	5.00m
JATIM PACITAN	0226Z	25Oct2023	8.15m
NTB DOMPU S	0226Z	25Oct2023	3.13m
NTT SUMBA T	0226Z	25Oct2023	1.80m
JATIM BLITAR	0226Z	25Oct2023	6.24m

NTB KOTA-BIMA S	0228Z	25Oct2023	2.10m
JATENG WONOGIRI	0228Z	25Oct2023	9.33m
DIY GUNUNG-KIDUL	0228Z	25Oct2023	9.33m
DIY KULON-PROGO	0230Z	25Oct2023	4.86m
JABAR GARUT	0230Z	25Oct2023	2.09m
DIY BANTUL	0230Z	25Oct2023	7.79m
JATIM TULUNGAGUNG	0232Z	25Oct2023	3.49m
JABAR CIANJUR SINDANGBARANG	0232Z	25Oct2023	2.21m
JATIM LUMAJANG	0234Z	25Oct2023	5.08m
JABAR CIAMIS	0234Z	25Oct2023	1.78m
JABAR SUKABUMI UJUNG-GENTENG	0236Z	25Oct2023	2.33m
NTT MANGGARAI-BARAT P.	0240Z	25Oct2023	1.19m
JATENG CILACAP	0242Z	25Oct2023	2.44m
NTT KUPANG	0246Z	25Oct2023	1.10m
BANTEN PANDEGLANG S	0246Z	25Oct2023	1.60m
BANTEN LEBAK	0248Z	25Oct2023	1.17m
JABAR SUKABUMI PELABUHAN-RATU	0248Z	25Oct2023	4.65m
NTT MANGGARAI-BARAT S	0252Z	25Oct2023	1.03m
NTT ROTENDAO	0302Z	25Oct2023	0.72m
NTT MANGGARAI S	0306Z	25Oct2023	0.89m
BANTEN PANDEGLANG P.PANAITAN	0318Z	25Oct2023	0.51m
NTT NGADA S	0338Z	25Oct2023	0.57m
NTT ENDE S	0340Z	25Oct2023	0.57m
NTT KOTA-KUPANG	0358Z	25Oct2023	0.63m
NTT LEMBATA S	0400Z	25Oct2023	0.64m
NTT ALOR S	0404Z	25Oct2023	0.63m
NTT FLORES-TIMUR P.SOLOR	0412Z	25Oct2023	0.51m
PANTE MACASSAR	0418Z	25Oct2023	0.63m
NTT BELU U	0420Z	25Oct2023	0.63m
LAMPUNG LAMPUNG-SELATAN B	0440Z	25Oct2023	0.54m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0440Z	25Oct2023	0.54m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0440Z	25Oct2023	0.54m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0442Z	25Oct2023	0.58m
BENGKULU SELUMA	0510Z	25Oct2023	0.89m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0640Z	25Oct2023	0.56m
BENGKULU BENGKULU-UTARA S	0640Z	25Oct2023	0.64m
BENGKULU BENGKULU-UTARA P.ENGGANO	0800Z	25Oct2023	0.56m
BENGKULU BENGKULU-SELATAN	0828Z	25Oct2023	0.58m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1028Z	25Oct2023	0.53m

MADAGASCAR

TOAMASINA AIRPORT	1128Z	25Oct2023	0.61m
AMBAHY	1132Z	25Oct2023	0.84m
VOHEMAR	1214Z	25Oct2023	0.58m
TAMPOLO	1218Z	25Oct2023	0.93m

MAURITIUS

LA FERME	0958Z	25Oct2023	0.54m
GRANDE REVIERE SUD EST-EAST	1048Z	25Oct2023	0.60m
CARGADOS CARAJOS	1136Z	25Oct2023	0.81m

SOUTH AFRICA

FUNK SEAMOUNT	1406Z	25Oct2023	0.57m
MARGATE	1448Z	25Oct2023	0.93m
KELSO	1450Z	25Oct2023	1.02m
MANDI	1544Z	25Oct2023	0.61m
ABORETUM	1556Z	25Oct2023	0.74m
BIZANA	1638Z	25Oct2023	0.53m

SRI LANKA

MORATUWA	1324Z	25Oct2023	0.62m
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TIMOR-LESTE

PANTE MACASSAR 0412Z 25Oct2023 0.54m

BOBONARO 0420Z 25Oct2023 0.61m

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  
#  
#####

# 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 0240 UTC Wednesday 25 October 2023  
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... 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: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

Benoa UTC	INDONESIA	8.83S 115.33E	11.79m	25 Oct 02:26
Christmas Is UTC	AUSTRALIA	10.40S 105.67E	1.14m	25 Oct 02:30
Deep Ocean Buoy 56001 UTC	INDIAN OCEAN	14.02S 109.94E	2.28m	25 Oct 02:36
Deep Ocean Buoy 56003 UTC	INDIAN OCEAN	15.02S 117.94E	1.04m	25 Oct 02:36
Prigi UTC	INDONESIA	8.33S 111.83E	9.06m	25 Oct 02:36

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

CHRISTMAS ISLAND	0224Z	25Oct2023	2.07m
ASHMORE REEF	0306Z	25Oct2023	0.78m
COCOS ISLAND	0342Z	25Oct2023	0.78m
NINGALOO COAST	0404Z	25Oct2023	20.04m
PILBARA COAST WEST	0406Z	25Oct2023	4.95m
WEST KIMBERLY COAST	0420Z	25Oct2023	1.93m
PILBARA COAST EAST	0426Z	25Oct2023	2.42m
GASCOYNE COAST	0450Z	25Oct2023	5.57m
NORTH KIMBERLY COAST	0500Z	25Oct2023	0.94m
GERALDTON COAST	0510Z	25Oct2023	1.81m
LANCELIN COAST	0538Z	25Oct2023	0.71m
PERTH COAST	0544Z	25Oct2023	0.82m
BUNBURY GEOGRAPHE COAST	0602Z	25Oct2023	1.13m
LEEUEWIN COAST	0616Z	25Oct2023	0.84m
ALBANY COAST	0722Z	25Oct2023	0.71m
HEARD ISLAND AND MCDONALD ISLANDS	1040Z	25Oct2023	5.14m
AURORA BANK	1056Z	25Oct2023	2.79m

FRANCE

ILE SAINT-PAUL-NORTH	0802Z	25Oct2023	1.00m
ILE SAINT-PAUL-SOUTH	0810Z	25Oct2023	0.99m
SAINT-JOSEPH	1018Z	25Oct2023	0.79m
ILE KERGUELEN	1024Z	25Oct2023	1.98m
ILE DE LA POSSESSION	1206Z	25Oct2023	0.76m
CROZET PLATEAU	1212Z	25Oct2023	1.68m
NES CROZET	1348Z	25Oct2023	0.90m

INDIA

MACHILIPATNAM	1240Z	25Oct2023	0.56m
CUDDALORE	1316Z	25Oct2023	0.62m
MAHABALIPURAM	1324Z	25Oct2023	0.68m
CHENNAI	1324Z	25Oct2023	0.68m
POOMBUHAR	1332Z	25Oct2023	0.57m
KANYAKUMARI	1332Z	25Oct2023	0.82m
SRIHARIKOTA	1348Z	25Oct2023	0.77m
KOODANKULAM	1452Z	25Oct2023	0.82m
ENNORE	1532Z	25Oct2023	1.00m
ALLEPPEY ALAPPUZHA	1536Z	25Oct2023	0.60m
NAGAPATTINAM	1638Z	25Oct2023	0.51m

INDONESIA

NTB SUMBAWA B	0216Z	25Oct2023	21.01m
JATIM BANYUWANGI S	0216Z	25Oct2023	16.76m
BALI BADUNG PANTAI-KUTA	0218Z	25Oct2023	15.61m
BALI KLUNGKUNG P.NUSAPENIDA	0218Z	25Oct2023	16.98m
BALI DENPASAR PANTAI-SANUR	0218Z	25Oct2023	14.92m
NTB LOMBOK-BARAT S	0218Z	25Oct2023	16.84m
NTB LOMBOK-TIMUR S	0218Z	25Oct2023	14.00m



NTB LOMBOK-TENGAH	0218Z	25Oct2023	16.76m
BALI TABANAN	0220Z	25Oct2023	12.16m
NTB SUMBAWA S	0220Z	25Oct2023	6.28m
JATIM JEMBER	0222Z	25Oct2023	14.21m
NTT SUMBA B	0222Z	25Oct2023	3.09m
JATIM JEMBER P.NUSABARUNG	0222Z	25Oct2023	15.46m
JATIM MALANG	0222Z	25Oct2023	11.37m
JATIM TRENGGALEK	0222Z	25Oct2023	12.49m
JATENG PURWOREJO	0224Z	25Oct2023	7.94m
JATENG KEBUMEN	0224Z	25Oct2023	7.04m
NTB DOMPU S	0224Z	25Oct2023	4.41m
JABAR TASIKMALAYA	0224Z	25Oct2023	3.31m
JATIM PACITAN	0226Z	25Oct2023	11.47m
NTT SUMBA T	0226Z	25Oct2023	2.54m
JATIM BLITAR	0226Z	25Oct2023	8.79m
JABAR GARUT	0228Z	25Oct2023	2.94m
DIY GUNUNG-KIDUL	0228Z	25Oct2023	13.13m
JATENG WONOGIRI	0228Z	25Oct2023	13.13m
NTB KOTA-BIMA S	0228Z	25Oct2023	2.96m
JATIM TULUNGAGUNG	0230Z	25Oct2023	4.91m
DIY KULON-PROGO	0230Z	25Oct2023	6.84m
DIY BANTUL	0230Z	25Oct2023	10.97m
JABAR CIANJUR SINDANGBARANG	0232Z	25Oct2023	3.11m
JABAR CIAMIS	0234Z	25Oct2023	2.51m
JATIM LUMAJANG	0234Z	25Oct2023	7.16m
JABAR SUKABUMI UJUNG-GENTENG	0236Z	25Oct2023	3.28m
NTT MANGGARAI-BARAT P.	0240Z	25Oct2023	1.67m
JATENG CILACAP	0240Z	25Oct2023	3.43m
BANTEN PANDEGLANG S	0246Z	25Oct2023	2.25m
JABAR SUKABUMI PELABUHAN-RATU	0246Z	25Oct2023	6.55m
NTT KUPANG	0246Z	25Oct2023	1.55m
BANTEN LEBAK	0246Z	25Oct2023	1.65m
NTT MANGGARAI-BARAT S	0250Z	25Oct2023	1.45m
BANTEN PANDEGLANG P.PANAITAN	0256Z	25Oct2023	0.71m
NTT ROTENDAO	0300Z	25Oct2023	1.02m
NTT MANGGARAI S	0304Z	25Oct2023	1.26m
NTT NGADA S	0312Z	25Oct2023	0.81m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0314Z	25Oct2023	0.67m
LAMPUNG TANGGAMUS B	0316Z	25Oct2023	0.68m
NTT KOTA-KUPANG	0320Z	25Oct2023	0.88m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0324Z	25Oct2023	0.82m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0324Z	25Oct2023	0.76m
NTT ENDE S	0336Z	25Oct2023	0.81m
NTT SIKKA S	0340Z	25Oct2023	0.66m
BENGKULU BENGKULU-UTARA P.ENGGANO	0348Z	25Oct2023	0.78m
NTT FLORES-TIMUR S	0350Z	25Oct2023	0.66m
NTT FLORES-TIMUR P.SOLOR	0352Z	25Oct2023	0.71m
NTT LEMBATA S	0354Z	25Oct2023	0.90m
NTT ALOR S	0400Z	25Oct2023	0.89m
PANTE MACASSAR	0408Z	25Oct2023	0.89m
NTT BELU U	0414Z	25Oct2023	0.88m
LAMPUNG TANGGAMUS T	0432Z	25Oct2023	0.65m
LAMPUNG LAMPUNG-SELATAN B	0438Z	25Oct2023	0.76m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0438Z	25Oct2023	0.57m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0438Z	25Oct2023	0.76m
BENGKULU KAUR	0452Z	25Oct2023	0.55m
BENGKULU SELUMA	0506Z	25Oct2023	1.25m
BENGKULU BENGKULU-SELATAN	0612Z	25Oct2023	0.82m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0630Z	25Oct2023	0.79m
BENGKULU BENGKULU-UTARA S	0636Z	25Oct2023	0.90m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0658Z	25Oct2023	0.52m

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BANTEN SERANG B	0658Z	25Oct2023	0.52m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0658Z	25Oct2023	0.65m
BANTEN KOTA-CILEGON P.SANGIANG	0658Z	25Oct2023	0.52m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0702Z	25Oct2023	0.56m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0934Z	25Oct2023	0.75m
SUMUT NIAS-SELATAN P.TANABALA	1004Z	25Oct2023	0.56m
NIAS-EAST	1008Z	25Oct2023	0.54m
SUMUT NIAS B	1100Z	25Oct2023	0.54m
NAD SIMEULUE P.SIMEULUE	1120Z	25Oct2023	0.60m

KENYA

KIWAYU 1906Z 25Oct2023 0.53m

MADAGASCAR

TOAMASINA AIRPORT	1126Z	25Oct2023	0.86m
AMBAHY	1132Z	25Oct2023	1.19m
TAMPOLO	1142Z	25Oct2023	1.31m
VOHEMAR	1210Z	25Oct2023	0.82m
FARAFAGANA	1218Z	25Oct2023	0.66m
MANANTENINA	1324Z	25Oct2023	0.58m
ANOROTSANGANA	1344Z	25Oct2023	0.50m
ANDROKA	1418Z	25Oct2023	0.57m

MALDIVES

THINADHOO	1116Z	25Oct2023	0.54m
NILANDHOO	1158Z	25Oct2023	0.65m

MAURITIUS

LA FERME	0844Z	25Oct2023	0.76m
GRANDE REVIERE SUD EST-EAST	0934Z	25Oct2023	0.84m
CARGADOS CARAJOS	1134Z	25Oct2023	1.14m

MOZAMBIQUE

XAI-XAI	1538Z	25Oct2023	0.59m
ZAVALA	1604Z	25Oct2023	0.68m

SEYCHELLES

TAKAMAKA 0050Z 26Oct2023 0.61m

SOMALIA

GALDOGOB 1632Z 25Oct2023 0.52m

SOUTH AFRICA

FUNK SEAMOUNT	1404Z	25Oct2023	0.81m
MARGATE	1410Z	25Oct2023	1.30m
KELSO	1448Z	25Oct2023	1.44m
BIZANA	1450Z	25Oct2023	0.75m
BATHURST	1454Z	25Oct2023	0.52m
ELLIOTDALE	1454Z	25Oct2023	0.52m
PORT ST JOHNS	1454Z	25Oct2023	0.52m
LUSIKISIKI	1454Z	25Oct2023	0.52m
HANKEY	1454Z	25Oct2023	0.52m
ZIKHOVA	1454Z	25Oct2023	0.52m
GAMTOOS	1454Z	25Oct2023	0.52m
GEORGE	1454Z	25Oct2023	0.52m
WITAAND	1454Z	25Oct2023	0.52m
NGQUELENI	1454Z	25Oct2023	0.52m
BREDASDORP	1454Z	25Oct2023	0.52m
PORT ELIZABETH	1454Z	25Oct2023	0.52m
WILLOWVALE	1454Z	25Oct2023	0.52m
KENTANI	1454Z	25Oct2023	0.52m

MARSHSTRAND	1454Z	25Oct2023	0.52m
PEDDIE	1454Z	25Oct2023	0.52m
ALEXANDRIA	1454Z	25Oct2023	0.52m
HUMANSDORP	1454Z	25Oct2023	0.52m
MOSSEL	1454Z	25Oct2023	0.52m
HEIDELBERG	1454Z	25Oct2023	0.52m
KAYSER'S BEACH	1454Z	25Oct2023	0.52m
ABORETUM	1510Z	25Oct2023	1.04m
PORT DURNFORD	1536Z	25Oct2023	0.63m
MANDI	1538Z	25Oct2023	0.86m
KOSIMEER	1550Z	25Oct2023	0.59m

SRI LANKA

HAMBANTOTA	1204Z	25Oct2023	0.54m
TANGALLE	1208Z	25Oct2023	0.56m
MULLAITTIVU	1240Z	25Oct2023	0.56m
MORATUWA	1322Z	25Oct2023	0.87m

TIMOR-LESTE

PANTE MACASSAR	0402Z	25Oct2023	0.77m
BOBONARO	0416Z	25Oct2023	0.86m
LIQUICA	0420Z	25Oct2023	0.67m

UNITED KINGDOM

DIEGO GARCIA	0846Z	25Oct2023	0.52m
MORESBY ISLAND	0850Z	25Oct2023	0.51m

YEMEN

SOCOTRA ISLAND SOUTH	1628Z	25Oct2023	0.55m
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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  
#  
#####

# 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 0250 UTC Wednesday 25 October 2023  
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... 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: 9.1 Mwp (UPDATED)  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

Benoa UTC	INDONESIA	8.83S 115.33E	11.79m	25 Oct 02:26
Christmas Is UTC	AUSTRALIA	10.40S 105.67E	1.14m	25 Oct 02:30
Deep Ocean Buoy 56001 UTC	INDIAN OCEAN	14.02S 109.94E	2.28m	25 Oct 02:36
Deep Ocean Buoy 56003 UTC	INDIAN OCEAN	15.02S 117.94E	1.04m	25 Oct 02:36
Prigi UTC	INDONESIA	8.33S 111.83E	9.06m	25 Oct 02:36
Sadeng UTC	INDONESIA	8.33S 110.83E	17.60m	25 Oct 02:40
Waikelo UTC	INDONESIA	9.40S 119.22E	5.25m	25 Oct 02:47

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

CHRISTMAS ISLAND	0224Z	25Oct2023	2.91m
ASHMORE REEF	0304Z	25Oct2023	1.10m
COCOS ISLAND	0342Z	25Oct2023	1.10m
NINGALOO COAST	0404Z	25Oct2023	28.25m
PILBARA COAST WEST	0406Z	25Oct2023	6.98m
WEST KIMBERLY COAST	0418Z	25Oct2023	2.72m
PILBARA COAST EAST	0424Z	25Oct2023	3.41m
GASCOYNE COAST	0450Z	25Oct2023	7.85m
NORTH KIMBERLY COAST	0456Z	25Oct2023	1.33m
GERALDTON COAST	0508Z	25Oct2023	2.56m
LANCELIN COAST	0534Z	25Oct2023	1.01m
PERTH COAST	0542Z	25Oct2023	1.15m
BUNBURY GEOGRAPHE COAST	0600Z	25Oct2023	1.59m
LEEUWIN COAST	0614Z	25Oct2023	1.18m
ALBANY COAST	0720Z	25Oct2023	1.00m
HEARD ISLAND AND MCDONALD ISLANDS	1038Z	25Oct2023	7.25m
AURORA BANK	1054Z	25Oct2023	3.93m
WEST COAST VIC	2024Z	25Oct2023	0.57m
CENTRAL WEST COAST TAS	0154Z	26Oct2023	0.65m

FRANCE

ILE SAINT-PAUL-NORTH	0800Z	25Oct2023	1.41m
ILE SAINT-PAUL-SOUTH	0808Z	25Oct2023	1.40m
SAINT-JOSEPH	0952Z	25Oct2023	1.11m
ILE KERGUELEN	1022Z	25Oct2023	2.79m
SAINT-DENIS	1038Z	25Oct2023	0.63m
ILE DE LA POSSESSION	1152Z	25Oct2023	1.07m
CROZET PLATEAU	1200Z	25Oct2023	2.37m
NES CROZET	1210Z	25Oct2023	1.27m

INDIA

MARAKKANAM	1104Z	25Oct2023	0.57m
MACHILIPATNAM	1236Z	25Oct2023	0.79m
KOTTAPATNAM	1258Z	25Oct2023	0.56m
ALLEPPEY ALAPPUZHA	1300Z	25Oct2023	0.84m
NIJAMPATTANAM	1300Z	25Oct2023	0.51m
CUDDALORE	1314Z	25Oct2023	0.87m
CHENNAI	1314Z	25Oct2023	0.96m
MAHABALIPURAM	1314Z	25Oct2023	0.96m
PUDUCHERRY	1316Z	25Oct2023	0.58m
POOMBUHAR	1326Z	25Oct2023	0.80m
KANYAKUMARI	1330Z	25Oct2023	1.15m
TRIVANDRUM	1330Z	25Oct2023	0.57m

SRIHARIKOTA	1332Z	25Oct2023	1.09m
QUILON	1346Z	25Oct2023	0.55m
KOODANKULAM	1400Z	25Oct2023	1.15m
NAGAPATTINAM	1412Z	25Oct2023	0.72m
VAKKAD	1428Z	25Oct2023	0.53m
ENNORE	1430Z	25Oct2023	1.41m
BEYPORE	1436Z	25Oct2023	0.52m
MAHE	1444Z	25Oct2023	0.53m
KANNUR	1446Z	25Oct2023	0.57m
KASARAGOD	1446Z	25Oct2023	0.51m
KARAIKAL	1502Z	25Oct2023	0.69m
NORTH SENTINEL ISLAND	1638Z	25Oct2023	0.59m
KARWAR	2010Z	25Oct2023	0.51m
VASCO	2116Z	25Oct2023	0.57m
KOMATRA & KATCHAL ISLAND	2140Z	25Oct2023	0.55m
INDONESIA			
JATIM BANYUWANGI S	0216Z	25Oct2023	23.63m
NTB SUMBAWA B	0216Z	25Oct2023	29.63m
BALI KLUNGKUNG P.NUSAPENIDA	0218Z	25Oct2023	23.94m
BALI BADUNG PANTAI-KUTA	0218Z	25Oct2023	22.02m
NTB LOMBOK-BARAT S	0218Z	25Oct2023	23.74m
BALI DENPASAR PANTAI-SANUR	0218Z	25Oct2023	21.04m
NTB LOMBOK-TIMUR S	0218Z	25Oct2023	19.75m
NTB LOMBOK-TENGAH	0218Z	25Oct2023	23.63m
JATIM TRENGGALEK	0220Z	25Oct2023	17.61m
BALI TABANAN	0220Z	25Oct2023	17.15m
NTB SUMBAWA S	0220Z	25Oct2023	8.85m
JATIM MALANG	0222Z	25Oct2023	16.04m
JATIM JEMBER	0222Z	25Oct2023	20.03m
JATIM JEMBER P.NUSABARUNG	0222Z	25Oct2023	21.79m
NTT SUMBA B	0222Z	25Oct2023	4.36m
JATENG KEBUMEN	0224Z	25Oct2023	9.93m
JATENG PURWOREJO	0224Z	25Oct2023	11.20m
NTB DOMPU S	0224Z	25Oct2023	6.22m
JABAR TASIKMALAYA	0224Z	25Oct2023	4.66m
JATIM BLITAR	0226Z	25Oct2023	12.40m
JATIM PACITAN	0226Z	25Oct2023	16.18m
NTT SUMBA T	0226Z	25Oct2023	3.58m
NTB KOTA-BIMA S	0228Z	25Oct2023	4.18m
JATENG WONOGIRI	0228Z	25Oct2023	18.52m
DIY GUNUNG-KIDUL	0228Z	25Oct2023	18.52m
JABAR GARUT	0228Z	25Oct2023	4.14m
JABAR CIANJUR SINDANGBARANG	0230Z	25Oct2023	4.38m
JATIM TULUNGAGUNG	0230Z	25Oct2023	6.93m
DIY BANTUL	0230Z	25Oct2023	15.47m
DIY KULON-PROGO	0230Z	25Oct2023	9.64m
JATIM LUMAJANG	0234Z	25Oct2023	10.09m
JABAR CIAMIS	0234Z	25Oct2023	3.54m
JABAR SUKABUMI UJUNG-GENTENG	0236Z	25Oct2023	4.62m
JATENG CILACAP	0240Z	25Oct2023	4.84m
NTT MANGGARAI-BARAT P.	0240Z	25Oct2023	2.36m
NTT KUPANG	0244Z	25Oct2023	2.19m
BANTEN LEBAK	0246Z	25Oct2023	2.32m
BANTEN PANDEGLANG S	0246Z	25Oct2023	3.18m
JABAR SUKABUMI PELABUHAN-RATU	0246Z	25Oct2023	9.24m
NTT MANGGARAI-BARAT S	0250Z	25Oct2023	2.04m
BANTEN PANDEGLANG P.PANAITAN	0254Z	25Oct2023	1.01m
NTT ROTENDAO	0300Z	25Oct2023	1.44m
NTT MANGGARAI S	0304Z	25Oct2023	1.77m
LAMPUNG TANGGAMUS B	0304Z	25Oct2023	0.96m

LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0310Z	25Oct2023	0.94m
NTT NGADA S	0310Z	25Oct2023	1.14m
NTT SIKKA S	0314Z	25Oct2023	0.94m
LAMPUNG TANGGAMUS T	0314Z	25Oct2023	0.92m
BANTEN SERANG B	0316Z	25Oct2023	0.73m
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0316Z	25Oct2023	0.73m
BANTEN KOTA-CILEGON P.SANGIANG	0316Z	25Oct2023	0.73m
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0316Z	25Oct2023	1.08m
NTT KOTA-KUPANG	0318Z	25Oct2023	1.25m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0320Z	25Oct2023	0.67m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0322Z	25Oct2023	1.15m
BENGKULU BENGKULU-UTARA P.ENGGANO	0324Z	25Oct2023	1.11m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0326Z	25Oct2023	1.08m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0326Z	25Oct2023	0.80m
BENGKULU KAUR	0326Z	25Oct2023	0.78m
LAMPUNG LAMPUNG-SELATAN B	0326Z	25Oct2023	1.08m
NTT LEMBATA S	0328Z	25Oct2023	1.27m
NTT ALOR S	0330Z	25Oct2023	1.25m
NTT ENDE S	0334Z	25Oct2023	1.14m
PANTE MACASSAR	0336Z	25Oct2023	1.25m
NTT BELU U	0338Z	25Oct2023	1.24m
NTT FLORES-TIMUR S	0344Z	25Oct2023	0.94m
BENGKULU BENGKULU-SELATAN	0344Z	25Oct2023	1.16m
NTT FLORES-TIMUR P.SOLOR	0346Z	25Oct2023	1.01m
BENGKULU SELUMA	0346Z	25Oct2023	1.76m
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0416Z	25Oct2023	0.92m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0420Z	25Oct2023	1.12m
BENGKULU BENGKULU-UTARA S	0426Z	25Oct2023	1.26m
BENGKULU BENGKULU-UTARA U	0426Z	25Oct2023	0.61m
BANTEN PANDEGLANG U	0612Z	25Oct2023	0.70m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0656Z	25Oct2023	0.79m
SUMUT MANDAILING-NATAL S	0824Z	25Oct2023	0.67m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0916Z	25Oct2023	0.64m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0930Z	25Oct2023	1.06m
SUMUT NIAS-SELATAN P.TANABALA	0948Z	25Oct2023	0.79m
NIAS-EAST	1004Z	25Oct2023	0.76m
SUMUT NIAS-SELATAN P.NIAS	1006Z	25Oct2023	0.69m
NAD SIMEULUE P.SIMEULUE	1034Z	25Oct2023	0.85m
SUMBAR KOTA-PADANG U	1042Z	25Oct2023	0.61m
SUMUT NIAS B	1056Z	25Oct2023	0.76m
SUMBAR PESISIR-SELATAN S	1112Z	25Oct2023	0.56m
SUMUT MANDAILING-NATAL U	1118Z	25Oct2023	0.63m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1128Z	25Oct2023	0.53m
NAD NAGAN-RAYA	1202Z	25Oct2023	0.60m
NAD ACEH-BARAT-DAYA	1206Z	25Oct2023	0.58m
NAD ACEH-JAYA	1210Z	25Oct2023	0.52m
SUMUT TAPANULI-TENGAH S	1600Z	25Oct2023	0.54m
SUMUT TAPANULI-SELATAN	1600Z	25Oct2023	0.54m

KENYA

KIWAYU 1748Z 25Oct2023 0.75m

MADAGASCAR

TOAMASINA AIRPORT	1052Z	25Oct2023	1.21m
AMBAHY	1056Z	25Oct2023	1.68m
FARAFAGANA	1104Z	25Oct2023	0.93m
TAMPOLO	1106Z	25Oct2023	1.84m
VOHEMAR	1132Z	25Oct2023	1.15m
MANANTENINA	1224Z	25Oct2023	0.81m
ANOROTSANGANA	1326Z	25Oct2023	0.71m
ANDROKA	1352Z	25Oct2023	0.80m

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SAMPONA 1416Z 25Oct2023 0.65m

MALDIVES

DHIYAMIGILI 0918Z 25Oct2023 0.59m  
NILANDHOO 1026Z 25Oct2023 0.91m  
FERIDHOO 1030Z 25Oct2023 0.66m  
KOLHUFUSHI 1036Z 25Oct2023 0.53m  
THINADHOO 1116Z 25Oct2023 0.77m  
MALE 1200Z 25Oct2023 0.60m  
KULHUDUFFUSHI 1208Z 25Oct2023 0.59m  
GOIDHOO 2116Z 25Oct2023 0.54m

MAURITIUS

LA FERME 0842Z 25Oct2023 1.08m  
GRANDE REVIERE SUD EST-EAST 0932Z 25Oct2023 1.19m  
GRANDE REVIERE SUD EST-WEST 0950Z 25Oct2023 0.60m  
CARGADOS CARAJOS 1048Z 25Oct2023 1.61m

MOZAMBIQUE

ZAVALA 1452Z 25Oct2023 0.96m  
XAI-XAI 1456Z 25Oct2023 0.84m  
MAPUTO 1558Z 25Oct2023 0.55m  
MALUANA 1632Z 25Oct2023 0.59m  
INHARRIME 2032Z 25Oct2023 0.64m

OMAN

HASIK 1402Z 25Oct2023 0.51m  
TAQAH 1408Z 25Oct2023 0.65m  
SALALAH 1410Z 25Oct2023 0.60m  
MIRBAT 1434Z 25Oct2023 0.51m  
MUSCAT 2332Z 25Oct2023 0.57m

SEYCHELLES

TAKAMAKA 1354Z 25Oct2023 0.86m  
FREGATE ISLAND 1416Z 25Oct2023 0.67m

SOMALIA

JARIIBAN 1358Z 25Oct2023 0.69m  
JILIB 1438Z 25Oct2023 0.58m  
MAREEG 1516Z 25Oct2023 0.51m  
ITALA 1518Z 25Oct2023 0.51m  
BANDER-BEYLA 1520Z 25Oct2023 0.66m  
EYL 1522Z 25Oct2023 0.62m  
XARARDHEERE 1530Z 25Oct2023 0.57m  
GALDOGOB 1530Z 25Oct2023 0.73m

SOUTH AFRICA

FUNK SEAMOUNT 1320Z 25Oct2023 1.14m  
MARGATE 1410Z 25Oct2023 1.84m  
BIZANA 1410Z 25Oct2023 1.05m  
PORT ELIZABETH 1414Z 25Oct2023 0.74m  
BATHURST 1414Z 25Oct2023 0.74m  
ELLIOTDALE 1414Z 25Oct2023 0.74m  
PORT ST JOHNS 1414Z 25Oct2023 0.74m  
LUSIKISIKI 1414Z 25Oct2023 0.74m  
HANKEY 1414Z 25Oct2023 0.74m  
ZIKHOVA 1414Z 25Oct2023 0.74m  
GAMTOOS 1414Z 25Oct2023 0.74m  
GEORGE 1414Z 25Oct2023 0.74m  
WITAAND 1414Z 25Oct2023 0.74m  
NGQUELENI 1414Z 25Oct2023 0.74m



HEIDELBERG	1414Z	25Oct2023	0.74m
KAYSER'S BEACH	1414Z	25Oct2023	0.74m
BREDASDORP	1414Z	25Oct2023	0.74m
WILLOWVALE	1414Z	25Oct2023	0.74m
KENTANI	1414Z	25Oct2023	0.74m
MARSHSTRAND	1414Z	25Oct2023	0.74m
PEDDIE	1414Z	25Oct2023	0.74m
ALEXANDRIA	1414Z	25Oct2023	0.74m
HUMANSDORP	1414Z	25Oct2023	0.74m
MOSSEL	1414Z	25Oct2023	0.74m
KELSO	1418Z	25Oct2023	2.02m
LAKE SIBAYI	1432Z	25Oct2023	0.69m
PORT DURNFORD	1434Z	25Oct2023	0.88m
MANDI	1444Z	25Oct2023	1.21m
ABORETUM	1446Z	25Oct2023	1.47m
KOSIMEER	1546Z	25Oct2023	0.84m

SRI LANKA

KIRINDA	1024Z	25Oct2023	0.58m
HAMBANTOTA	1026Z	25Oct2023	0.77m
GALLE	1028Z	25Oct2023	0.62m
MATARA	1028Z	25Oct2023	0.62m
OKANDA	1108Z	25Oct2023	0.56m
AKKARAI PATTU	1108Z	25Oct2023	0.59m
BATTICALOA	1114Z	25Oct2023	0.55m
MORATUWA	1136Z	25Oct2023	1.22m
NEGOMBO	1136Z	25Oct2023	0.58m
MULLAITTIVU	1140Z	25Oct2023	0.79m
POTTUVIL	1206Z	25Oct2023	0.50m
TANGALLE	1206Z	25Oct2023	0.79m
KATTANKUDI	1222Z	25Oct2023	0.55m
PANKULAM	1234Z	25Oct2023	0.50m
CHUNDIKKULAM	1244Z	25Oct2023	0.60m
AMBALANGODA	1316Z	25Oct2023	0.61m
BERUWALA	1324Z	25Oct2023	0.60m
COLOMBO	1326Z	25Oct2023	0.60m

TANZANIA

MADANGWA	1632Z	25Oct2023	0.51m
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TIMOR-LESTE

BOBONARO	0340Z	25Oct2023	1.21m
LIQUICA	0342Z	25Oct2023	0.95m
PANTE MACASSAR	0358Z	25Oct2023	1.08m
DILI	0432Z	25Oct2023	0.55m

UNITED KINGDOM

DIEGO GARCIA	0836Z	25Oct2023	0.74m
MORESBY ISLAND	0848Z	25Oct2023	0.72m
NW EGMONT ISLAND	0958Z	25Oct2023	0.58m

YEMEN

SOCOTRA ISLAND SOUTH	1322Z	25Oct2023	0.78m
AL GHAYDAH AIRPORT	1604Z	25Oct2023	0.53m

4. ADVICE

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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

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#####  
#  
# 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 0350 UTC Wednesday 25 October 2023  
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... 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: 9.1 Mwp  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

Benoa UTC	INDONESIA	8.83S 115.33E	11.79m	25 Oct 02:26
Christmas Is UTC	AUSTRALIA	10.40S 105.67E	1.14m	25 Oct 02:30
Deep Ocean Buoy 56001 UTC	INDIAN OCEAN	14.02S 109.94E	2.28m	25 Oct 02:36
Prigi UTC	INDONESIA	8.33S 111.83E	9.06m	25 Oct 02:36
Deep Ocean Buoy 56003 UTC	INDIAN OCEAN	15.02S 117.94E	1.04m	25 Oct 02:36
Sadeng UTC	INDONESIA	8.33S 110.83E	17.60m	25 Oct 02:40
Waikelo UTC	INDONESIA	9.40S 119.22E	5.25m	25 Oct 02:47
Lembar UTC	INDONESIA	8.70S 116.07E	7.88m	25 Oct 02:48
Cilacap UTC	INDONESIA	7.80S 109.00E	11.52m	25 Oct 02:51
Pangandaran UTC	INDONESIA	7.83S 108.50E	9.01m	25 Oct 02:54
Rote UTC	INDONESIA	10.70S 123.06E	0.88m	25 Oct 03:18
Enggano UTC	INDONESIA	5.30S 102.28E	2.42m	25 Oct 03:35

Tanjung Lesung                      INDONESIA              6.50S 105.50E              1.98m              25 Oct 03:42  
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

NINGALOO COAST	0404Z	25Oct2023	28.25m
PILBARA COAST WEST	0406Z	25Oct2023	6.98m
WEST KIMBERLY COAST	0418Z	25Oct2023	2.72m
PILBARA COAST EAST	0424Z	25Oct2023	3.41m
GASCOYNE COAST	0450Z	25Oct2023	7.85m
NORTH KIMBERLY COAST	0456Z	25Oct2023	1.33m
GERALDTON COAST	0508Z	25Oct2023	2.56m
LANCELIN COAST	0534Z	25Oct2023	1.01m
PERTH COAST	0542Z	25Oct2023	1.15m
BUNBURY GEOGRAPHE COAST	0600Z	25Oct2023	1.59m
LEEUEWIN COAST	0614Z	25Oct2023	1.18m
ALBANY COAST	0720Z	25Oct2023	1.00m
HEARD ISLAND AND MCDONALD ISLANDS	1038Z	25Oct2023	7.25m
AURORA BANK	1054Z	25Oct2023	3.93m
WEST COAST VIC	2024Z	25Oct2023	0.57m
CENTRAL WEST COAST TAS	0154Z	26Oct2023	0.65m

#### FRANCE

ILE KERGUELEN	1022Z	25Oct2023	2.79m
CROZET PLATEAU	1200Z	25Oct2023	2.37m

#### INDIA

MAHABALIPURAM	1314Z	25Oct2023	0.96m
CHENNAI	1314Z	25Oct2023	0.96m
TRIVANDRUM	1330Z	25Oct2023	0.57m
KANYAKUMARI	1330Z	25Oct2023	1.15m
SRIHARIKOTA	1332Z	25Oct2023	1.09m
KOODANKULAM	1400Z	25Oct2023	1.15m
NAGAPATTINAM	1412Z	25Oct2023	0.72m
ENNORE	1430Z	25Oct2023	1.41m
KANNUR	1446Z	25Oct2023	0.57m
NORTH SENTINEL ISLAND	1638Z	25Oct2023	0.59m

KARWAR	2010Z	25Oct2023	0.51m
VASCO	2116Z	25Oct2023	0.57m
KOMATRA & KATCHAL ISLAND	2140Z	25Oct2023	0.55m

INDONESIA

NTB LOMBOK-TENGAH	0218Z	25Oct2023	23.63m
NTB LOMBOK-TIMUR S	0218Z	25Oct2023	19.75m
NTB SUMBAWA S	0220Z	25Oct2023	8.85m
JATIM TRENGGALEK	0220Z	25Oct2023	17.61m
JATIM MALANG	0222Z	25Oct2023	16.04m
JATIM JEMBER P.NUSABARUNG	0222Z	25Oct2023	21.79m
JATIM JEMBER	0222Z	25Oct2023	20.03m
JABAR TASIKMALAYA	0224Z	25Oct2023	4.66m
JATENG PURWOREJO	0224Z	25Oct2023	11.20m
JATENG KEBUMEN	0224Z	25Oct2023	9.93m
JATIM PACITAN	0226Z	25Oct2023	16.18m
JATIM BLITAR	0226Z	25Oct2023	12.40m
JATENG WONOGIRI	0228Z	25Oct2023	18.52m
DIY GUNUNG-KIDUL	0228Z	25Oct2023	18.52m
JABAR GARUT	0228Z	25Oct2023	4.14m
DIY KULON-PROGO	0230Z	25Oct2023	9.64m
JABAR CIANJUR SINDANGBARANG	0230Z	25Oct2023	4.38m
DIY BANTUL	0230Z	25Oct2023	15.47m
JATIM LUMAJANG	0234Z	25Oct2023	10.09m
JABAR CIAMIS	0234Z	25Oct2023	3.54m
JABAR SUKABUMI UJUNG-GENTENG	0236Z	25Oct2023	4.62m
JATENG CILACAP	0240Z	25Oct2023	4.84m
BANTEN LEBAK	0246Z	25Oct2023	2.32m
BANTEN PANDEGLANG S	0246Z	25Oct2023	3.18m
JABAR SUKABUMI PELABUHAN-RATU	0246Z	25Oct2023	9.24m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0322Z	25Oct2023	1.15m
BENGKULU BENGKULU-UTARA P.ENGGANO	0324Z	25Oct2023	1.11m
BENGKULU BENGKULU-SELATAN	0344Z	25Oct2023	1.16m
BENGKULU SELUMA	0346Z	25Oct2023	1.76m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0420Z	25Oct2023	1.12m
BENGKULU BENGKULU-UTARA S	0426Z	25Oct2023	1.26m
SUMUT MANDAILING-NATAL S	0824Z	25Oct2023	0.67m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0930Z	25Oct2023	1.06m
SUMUT NIAS-SELATAN P.TANABALA	0948Z	25Oct2023	0.79m
NIAS-EAST	1004Z	25Oct2023	0.76m
SUMUT NIAS-SELATAN P.NIAS	1006Z	25Oct2023	0.69m
NAD SIMEULUE P.SIMEULUE	1034Z	25Oct2023	0.85m

KENYA

KIWAYU	1748Z	25Oct2023	0.75m
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MADAGASCAR

TOAMASINA AIRPORT	1052Z	25Oct2023	1.21m
AMBAHY	1056Z	25Oct2023	1.68m
FARAFAGANA	1104Z	25Oct2023	0.93m
TAMPOLO	1106Z	25Oct2023	1.84m
VOHEMAR	1132Z	25Oct2023	1.15m
MANANTENINA	1224Z	25Oct2023	0.81m
ANOROTSANGANA	1326Z	25Oct2023	0.71m
ANDROKA	1352Z	25Oct2023	0.80m
SAMPONA	1416Z	25Oct2023	0.65m

MALDIVES

FERIDHOO	1030Z	25Oct2023	0.66m
MALE	1200Z	25Oct2023	0.60m
GOIDHOO	2116Z	25Oct2023	0.54m

MAURITIUS

CARGADOS CARAJOS 1048Z 25Oct2023 1.61m

MOZAMBIQUE

ZAVALA 1452Z 25Oct2023 0.96m

XAI-XAI 1456Z 25Oct2023 0.84m

MALUANA 1632Z 25Oct2023 0.59m

INHARRIME 2032Z 25Oct2023 0.64m

OMAN

SALALAH 1410Z 25Oct2023 0.60m

MUSCAT 2332Z 25Oct2023 0.57m

SEYCHELLES

TAKAMAKA 1354Z 25Oct2023 0.86m

SOMALIA

BANDER-BEYLA 1520Z 25Oct2023 0.66m

EYL 1522Z 25Oct2023 0.62m

XARARDHEERE 1530Z 25Oct2023 0.57m

GALDOGOB 1530Z 25Oct2023 0.73m

SOUTH AFRICA

BIZANA 1410Z 25Oct2023 1.05m

MARGATE 1410Z 25Oct2023 1.84m

PORT ELIZABETH 1414Z 25Oct2023 0.74m

GEORGE 1414Z 25Oct2023 0.74m

ELLIOTDALE 1414Z 25Oct2023 0.74m

PORT ST JOHNS 1414Z 25Oct2023 0.74m

LUSIKISIKI 1414Z 25Oct2023 0.74m

BATHURST 1414Z 25Oct2023 0.74m

HANKEY 1414Z 25Oct2023 0.74m

ZIKHOVA 1414Z 25Oct2023 0.74m

GAMTOOS 1414Z 25Oct2023 0.74m

WITAAND 1414Z 25Oct2023 0.74m

NGQUELENI 1414Z 25Oct2023 0.74m

HEIDELBERG 1414Z 25Oct2023 0.74m

BREDASDORP 1414Z 25Oct2023 0.74m

WILLOWVALE 1414Z 25Oct2023 0.74m

KENTANI 1414Z 25Oct2023 0.74m

MARSHSTRAND 1414Z 25Oct2023 0.74m

PEDDIE 1414Z 25Oct2023 0.74m

ALEXANDRIA 1414Z 25Oct2023 0.74m

HUMANSDORP 1414Z 25Oct2023 0.74m

MOSSEL 1414Z 25Oct2023 0.74m

KAYSER'S BEACH 1414Z 25Oct2023 0.74m

KELSO 1418Z 25Oct2023 2.02m

PORT DURNFORD 1434Z 25Oct2023 0.88m

MANDI 1444Z 25Oct2023 1.21m

ABORETUM 1446Z 25Oct2023 1.47m

KOSIMEER 1546Z 25Oct2023 0.84m

SRI LANKA

MORATUWA 1136Z 25Oct2023 1.22m

TANZANIA

MADANGWA 1632Z 25Oct2023 0.51m

UNITED KINGDOM

NW EGMONT ISLAND 0958Z 25Oct2023 0.58m

YEMEN

SOCOTRA ISLAND SOUTH 1322Z 25Oct2023 0.78m  
AL GHAYDAH AIRPORT 1604Z 25Oct2023 0.53m

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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  
#  
#####

# BULLETIN 7

IDY68501  
#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT  
#  
#####

-----  
TSUNAMI BULLETIN NUMBER 7 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)  
ISSUED AT 0450 UTC Wednesday 25 October 2023  
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... 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: 9.1 Mwp  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

Benoa UTC	INDONESIA	8.83S 115.33E	11.79m	25 Oct 02:26
Christmas Is UTC	AUSTRALIA	10.40S 105.67E	1.14m	25 Oct 02:30
Deep Ocean Buoy 56001 UTC	INDIAN OCEAN	14.02S 109.94E	2.28m	25 Oct 02:36
Deep Ocean Buoy 56003 UTC	INDIAN OCEAN	15.02S 117.94E	1.04m	25 Oct 02:36
Prigi UTC	INDONESIA	8.33S 111.83E	9.06m	25 Oct 02:36
Sadeng UTC	INDONESIA	8.33S 110.83E	17.60m	25 Oct 02:40
Waikelo UTC	INDONESIA	9.40S 119.22E	5.25m	25 Oct 02:47
Lembar UTC	INDONESIA	8.70S 116.07E	7.88m	25 Oct 02:48
Cilacap UTC	INDONESIA	7.80S 109.00E	11.52m	25 Oct 02:51
Pangandaran UTC	INDONESIA	7.83S 108.50E	9.01m	25 Oct 02:54
Rote UTC	INDONESIA	10.70S 123.06E	0.88m	25 Oct 03:18



Enggano UTC	INDONESIA	5.30S 102.28E	2.42m	25 Oct 03:35
Tanjung Lesung UTC	INDONESIA	6.50S 105.50E	1.98m	25 Oct 03:42
Cocos Island. UTC	AUSTRALIA	12.10S 96.89E	0.66m	25 Oct 03:46
Marina Jambu UTC	INDONESIA	6.19S 105.83E	1.48m	25 Oct 03:52
Point Murat UTC	AUSTRALIA	21.80S 114.19E	18.01m	25 Oct 04:23
Seblat UTC	INDONESIA	3.17S 101.50E	1.68m	25 Oct 04:27
Telukdalam UTC	INDONESIA	0.50N 97.83E	1.04m	25 Oct 04:42

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

NINGALOO COAST	0404Z	25Oct2023	28.25m
PILBARA COAST WEST	0406Z	25Oct2023	6.98m
WEST KIMBERLY COAST	0418Z	25Oct2023	2.72m
PILBARA COAST EAST	0424Z	25Oct2023	3.41m
GASCOYNE COAST	0450Z	25Oct2023	7.85m
NORTH KIMBERLY COAST	0456Z	25Oct2023	1.33m
GERALDTON COAST	0508Z	25Oct2023	2.56m
LANCELIN COAST	0534Z	25Oct2023	1.01m
PERTH COAST	0542Z	25Oct2023	1.15m
BUNBURY GEOGRAPHE COAST	0600Z	25Oct2023	1.59m
LEEUWIN COAST	0614Z	25Oct2023	1.18m
ALBANY COAST	0720Z	25Oct2023	1.00m
HEARD ISLAND AND MCDONALD ISLANDS	1038Z	25Oct2023	7.25m
AURORA BANK	1054Z	25Oct2023	3.93m
WEST COAST VIC	2024Z	25Oct2023	0.57m
CENTRAL WEST COAST TAS	0154Z	26Oct2023	0.65m

#### FRANCE

ILE KERGUELEN	1022Z	25Oct2023	2.79m
CROZET PLATEAU	1200Z	25Oct2023	2.37m

INDIA

MAHABALIPURAM	1314Z	25Oct2023	0.96m
CHENNAI	1314Z	25Oct2023	0.96m
TRIVANDRUM	1330Z	25Oct2023	0.57m
KANYAKUMARI	1330Z	25Oct2023	1.15m
SRIHARIKOTA	1332Z	25Oct2023	1.09m
KOODANKULAM	1400Z	25Oct2023	1.15m
NAGAPATTINAM	1412Z	25Oct2023	0.72m
ENNORE	1430Z	25Oct2023	1.41m
KANNUR	1446Z	25Oct2023	0.57m
NORTH SENTINEL ISLAND	1638Z	25Oct2023	0.59m
KARWAR	2010Z	25Oct2023	0.51m
VASCO	2116Z	25Oct2023	0.57m
KOMATRA & KATCHAL ISLAND	2140Z	25Oct2023	0.55m

INDONESIA

NTB LOMBOK-TENGAH	0218Z	25Oct2023	23.63m
NTB LOMBOK-TIMUR S	0218Z	25Oct2023	19.75m
NTB SUMBAWA S	0220Z	25Oct2023	8.85m
JATIM TRENGGALEK	0220Z	25Oct2023	17.61m
JATIM MALANG	0222Z	25Oct2023	16.04m
JATIM JEMBER P.NUSABARUNG	0222Z	25Oct2023	21.79m
JATIM JEMBER	0222Z	25Oct2023	20.03m
JABAR TASIKMALAYA	0224Z	25Oct2023	4.66m
JATENG PURWOREJO	0224Z	25Oct2023	11.20m
JATENG KEBUMEN	0224Z	25Oct2023	9.93m
JATIM PACITAN	0226Z	25Oct2023	16.18m
JATIM BLITAR	0226Z	25Oct2023	12.40m
JATENG WONOGIRI	0228Z	25Oct2023	18.52m
DIY GUNUNG-KIDUL	0228Z	25Oct2023	18.52m
JABAR GARUT	0228Z	25Oct2023	4.14m
DIY KULON-PROGO	0230Z	25Oct2023	9.64m
JABAR CIANJUR SINDANGBARANG	0230Z	25Oct2023	4.38m
DIY BANTUL	0230Z	25Oct2023	15.47m
JATIM LUMAJANG	0234Z	25Oct2023	10.09m
JABAR CIAMIS	0234Z	25Oct2023	3.54m
JABAR SUKABUMI UJUNG-GENTENG	0236Z	25Oct2023	4.62m
JATENG CILACAP	0240Z	25Oct2023	4.84m
BANTEN LEBAK	0246Z	25Oct2023	2.32m
BANTEN PANDEGLANG S	0246Z	25Oct2023	3.18m
JABAR SUKABUMI PELABUHAN-RATU	0246Z	25Oct2023	9.24m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0322Z	25Oct2023	1.15m
BENGKULU BENGKULU-UTARA P.ENGGANO	0324Z	25Oct2023	1.11m
BENGKULU BENGKULU-SELATAN	0344Z	25Oct2023	1.16m
BENGKULU SELUMA	0346Z	25Oct2023	1.76m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0420Z	25Oct2023	1.12m
BENGKULU BENGKULU-UTARA S	0426Z	25Oct2023	1.26m
SUMUT MANDAILING-NATAL S	0824Z	25Oct2023	0.67m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0930Z	25Oct2023	1.06m
SUMUT NIAS-SELATAN P.TANABALA	0948Z	25Oct2023	0.79m
NIAS-EAST	1004Z	25Oct2023	0.76m
SUMUT NIAS-SELATAN P.NIAS	1006Z	25Oct2023	0.69m
NAD SIMEULUE P.SIMEULUE	1034Z	25Oct2023	0.85m

KENYA

KIWAYU	1748Z	25Oct2023	0.75m
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MADAGASCAR

TOAMASINA AIRPORT	1052Z	25Oct2023	1.21m
AMBAHY	1056Z	25Oct2023	1.68m

FARAFAGANA	1104Z	25Oct2023	0.93m
TAMPOLO	1106Z	25Oct2023	1.84m
VOHEMAR	1132Z	25Oct2023	1.15m
MANANTENINA	1224Z	25Oct2023	0.81m
ANOROTSANGANA	1326Z	25Oct2023	0.71m
ANDROKA	1352Z	25Oct2023	0.80m
SAMPONA	1416Z	25Oct2023	0.65m

MALDIVES

FERIDHOO	1030Z	25Oct2023	0.66m
MALE	1200Z	25Oct2023	0.60m
GOIDHOO	2116Z	25Oct2023	0.54m

MAURITIUS

CARGADOS CARAJOS	1048Z	25Oct2023	1.61m
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MOZAMBIQUE

ZAVALA	1452Z	25Oct2023	0.96m
XAI-XAI	1456Z	25Oct2023	0.84m
MALUANA	1632Z	25Oct2023	0.59m
INHARRIME	2032Z	25Oct2023	0.64m

OMAN

SALALAH	1410Z	25Oct2023	0.60m
MUSCAT	2332Z	25Oct2023	0.57m

SEYCHELLES

TAKAMAKA	1354Z	25Oct2023	0.86m
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SOMALIA

BANDER-BEYLA	1520Z	25Oct2023	0.66m
EYL	1522Z	25Oct2023	0.62m
XARARDHEERE	1530Z	25Oct2023	0.57m
GALDOGOB	1530Z	25Oct2023	0.73m

SOUTH AFRICA

BIZANA	1410Z	25Oct2023	1.05m
MARGATE	1410Z	25Oct2023	1.84m
PORT ELIZABETH	1414Z	25Oct2023	0.74m
GEORGE	1414Z	25Oct2023	0.74m
ELLIOTDALE	1414Z	25Oct2023	0.74m
PORT ST JOHNS	1414Z	25Oct2023	0.74m
LUSIKISIKI	1414Z	25Oct2023	0.74m
BATHURST	1414Z	25Oct2023	0.74m
HANKEY	1414Z	25Oct2023	0.74m
ZIKHOVA	1414Z	25Oct2023	0.74m
GAMTOOS	1414Z	25Oct2023	0.74m
WITAAND	1414Z	25Oct2023	0.74m
NGQUELENI	1414Z	25Oct2023	0.74m
HEIDELBERG	1414Z	25Oct2023	0.74m
BREDASDORP	1414Z	25Oct2023	0.74m
WILLOWVALE	1414Z	25Oct2023	0.74m
KENTANI	1414Z	25Oct2023	0.74m
MARSHSTRAND	1414Z	25Oct2023	0.74m
PEDDIE	1414Z	25Oct2023	0.74m
ALEXANDRIA	1414Z	25Oct2023	0.74m
HUMANSDORP	1414Z	25Oct2023	0.74m
MOSSEL	1414Z	25Oct2023	0.74m
KAYSER'S BEACH	1414Z	25Oct2023	0.74m
KELSO	1418Z	25Oct2023	2.02m
PORT DURNFORD	1434Z	25Oct2023	0.88m

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MANDI 1444Z 25Oct2023 1.21m  
ABORETUM 1446Z 25Oct2023 1.47m  
KOSIMEER 1546Z 25Oct2023 0.84m

SRI LANKA  
MORATUWA 1136Z 25Oct2023 1.22m

TANZANIA  
MADANGWA 1632Z 25Oct2023 0.51m

UNITED KINGDOM  
NW EGMONT ISLAND 0958Z 25Oct2023 0.58m

YEMEN  
SOCOTRA ISLAND SOUTH 1322Z 25Oct2023 0.78m  
AL GHAYDAH AIRPORT 1604Z 25Oct2023 0.53m

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  
#  
#####

# 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 0550 UTC Wednesday 25 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: 9.1 Mwp  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

Benoa UTC	INDONESIA	8.83S 115.33E	11.79m	25 Oct 02:26
Christmas Is UTC	AUSTRALIA	10.40S 105.67E	1.14m	25 Oct 02:30
Deep Ocean Buoy 56001 UTC	INDIAN OCEAN	14.02S 109.94E	2.28m	25 Oct 02:36
Prigi UTC	INDONESIA	8.33S 111.83E	9.06m	25 Oct 02:36
Deep Ocean Buoy 56003 UTC	INDIAN OCEAN	15.02S 117.94E	1.04m	25 Oct 02:36
Sadeng UTC	INDONESIA	8.33S 110.83E	17.60m	25 Oct 02:40
Waikelo UTC	INDONESIA	9.40S 119.22E	5.25m	25 Oct 02:47
Lembar UTC	INDONESIA	8.70S 116.07E	7.88m	25 Oct 02:48
Cilacap UTC	INDONESIA	7.80S 109.00E	11.52m	25 Oct 02:51
Pangandaran UTC	INDONESIA	7.83S 108.50E	9.01m	25 Oct 02:54
Rote UTC	INDONESIA	10.70S 123.06E	0.88m	25 Oct 03:18
Enggano UTC	INDONESIA	5.30S 102.28E	2.42m	25 Oct 03:35

Tanjung Lesung UTC	INDONESIA	6.50S 105.50E	1.98m	25 Oct 03:42
Cocos Island. UTC	AUSTRALIA	12.10S 96.89E	0.66m	25 Oct 03:46
Marina Jambu UTC	INDONESIA	6.19S 105.83E	1.48m	25 Oct 03:52
Point Murat UTC	AUSTRALIA	21.80S 114.19E	18.01m	25 Oct 04:23
Seblat UTC	INDONESIA	3.17S 101.50E	1.68m	25 Oct 04:27
Telukdalam UTC	INDONESIA	0.50N 97.83E	1.04m	25 Oct 04:42
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S 113.40E	6.87m	25 Oct 04:46
Ambon UTC	INDONESIA	3.70S 128.18E	1.67m	25 Oct 05:03
Padang UTC	INDONESIA	1.00S 100.37E	0.44m	25 Oct 05:09
Broome. UTC	AUSTRALIA	18.00S 122.22E	1.04m	25 Oct 05:42

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

NINGALOO COAST	0404Z 25Oct2023	28.25m
PILBARA COAST WEST	0406Z 25Oct2023	6.98m
WEST KIMBERLY COAST	0418Z 25Oct2023	2.72m
PILBARA COAST EAST	0424Z 25Oct2023	3.41m
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NORTH KIMBERLY COAST	0456Z 25Oct2023	1.33m
GERALDTON COAST	0508Z 25Oct2023	2.56m
LANCELIN COAST	0534Z 25Oct2023	1.01m
PERTH COAST	0542Z 25Oct2023	1.15m
BUNBURY GEOGRAPHE COAST	0600Z 25Oct2023	1.59m
LEEUVIN COAST	0614Z 25Oct2023	1.18m
ALBANY COAST	0720Z 25Oct2023	1.00m
HEARD ISLAND AND MCDONALD ISLANDS	1038Z 25Oct2023	7.25m
AURORA BANK	1054Z 25Oct2023	3.93m

WEST COAST VIC	2024Z	25Oct2023	0.57m
CENTRAL WEST COAST TAS	0154Z	26Oct2023	0.65m

FRANCE

ILE KERGUELEN	1022Z	25Oct2023	2.79m
CROZET PLATEAU	1200Z	25Oct2023	2.37m

INDIA

MAHABALIPURAM	1314Z	25Oct2023	0.96m
CHENNAI	1314Z	25Oct2023	0.96m
TRIVANDRUM	1330Z	25Oct2023	0.57m
KANYAKUMARI	1330Z	25Oct2023	1.15m
SRIHARIKOTA	1332Z	25Oct2023	1.09m
KOODANKULAM	1400Z	25Oct2023	1.15m
NAGAPATTINAM	1412Z	25Oct2023	0.72m
ENNORE	1430Z	25Oct2023	1.41m
KANNUR	1446Z	25Oct2023	0.57m
NORTH SENTINEL ISLAND	1638Z	25Oct2023	0.59m
KARWAR	2010Z	25Oct2023	0.51m
VASCO	2116Z	25Oct2023	0.57m
KOMATRA & KATCHAL ISLAND	2140Z	25Oct2023	0.55m

INDONESIA

NTB LOMBOK-TENGAH	0218Z	25Oct2023	23.63m
NTB LOMBOK-TIMUR S	0218Z	25Oct2023	19.75m
NTB SUMBAWA S	0220Z	25Oct2023	8.85m
JATIM TRENGGALEK	0220Z	25Oct2023	17.61m
JATIM MALANG	0222Z	25Oct2023	16.04m
JATIM JEMBER P.NUSABARUNG	0222Z	25Oct2023	21.79m
JATIM JEMBER	0222Z	25Oct2023	20.03m
JABAR TASIKMALAYA	0224Z	25Oct2023	4.66m
JATENG PURWOREJO	0224Z	25Oct2023	11.20m
JATENG KEBUMEN	0224Z	25Oct2023	9.93m
JATIM PACITAN	0226Z	25Oct2023	16.18m
JATIM BLITAR	0226Z	25Oct2023	12.40m
JATENG WONOGIRI	0228Z	25Oct2023	18.52m
DIY GUNUNG-KIDUL	0228Z	25Oct2023	18.52m
JABAR GARUT	0228Z	25Oct2023	4.14m
DIY KULON-PROGO	0230Z	25Oct2023	9.64m
JABAR CIANJUR SINDANGBARANG	0230Z	25Oct2023	4.38m
DIY BANTUL	0230Z	25Oct2023	15.47m
JATIM LUMAJANG	0234Z	25Oct2023	10.09m
JABAR CIAMIS	0234Z	25Oct2023	3.54m
JABAR SUKABUMI UJUNG-GENTENG	0236Z	25Oct2023	4.62m
JATENG CILACAP	0240Z	25Oct2023	4.84m
BANTEN LEBAK	0246Z	25Oct2023	2.32m
BANTEN PANDEGLANG S	0246Z	25Oct2023	3.18m
JABAR SUKABUMI PELABUHAN-RATU	0246Z	25Oct2023	9.24m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0322Z	25Oct2023	1.15m
BENGKULU BENGKULU-UTARA P.ENGGANO	0324Z	25Oct2023	1.11m
BENGKULU BENGKULU-SELATAN	0344Z	25Oct2023	1.16m
BENGKULU SELUMA	0346Z	25Oct2023	1.76m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0420Z	25Oct2023	1.12m
BENGKULU BENGKULU-UTARA S	0426Z	25Oct2023	1.26m
SUMUT MANDAILING-NATAL S	0824Z	25Oct2023	0.67m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0930Z	25Oct2023	1.06m
SUMUT NIAS-SELATAN P.TANABALA	0948Z	25Oct2023	0.79m
NIAS-EAST	1004Z	25Oct2023	0.76m
SUMUT NIAS-SELATAN P.NIAS	1006Z	25Oct2023	0.69m
NAD SIMEULUE P.SIMEULUE	1034Z	25Oct2023	0.85m

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KENYA

KIWAYU 1748Z 25Oct2023 0.75m

MADAGASCAR

TOAMASINA AIRPORT 1052Z 25Oct2023 1.21m  
AMBAHY 1056Z 25Oct2023 1.68m  
FARAFAGANA 1104Z 25Oct2023 0.93m  
TAMPOLO 1106Z 25Oct2023 1.84m  
VOHEMAR 1132Z 25Oct2023 1.15m  
MANANTENINA 1224Z 25Oct2023 0.81m  
ANOROTSANGANA 1326Z 25Oct2023 0.71m  
ANDROKA 1352Z 25Oct2023 0.80m  
SAMPONA 1416Z 25Oct2023 0.65m

MALDIVES

FERIDHOO 1030Z 25Oct2023 0.66m  
MALE 1200Z 25Oct2023 0.60m  
GOIDHOO 2116Z 25Oct2023 0.54m

MAURITIUS

CARGADOS CARAJOS 1048Z 25Oct2023 1.61m

MOZAMBIQUE

ZAVALA 1452Z 25Oct2023 0.96m  
XAI-XAI 1456Z 25Oct2023 0.84m  
MALUANA 1632Z 25Oct2023 0.59m  
INHARRIME 2032Z 25Oct2023 0.64m

OMAN

SALALAH 1410Z 25Oct2023 0.60m  
MUSCAT 2332Z 25Oct2023 0.57m

SEYCHELLES

TAKAMAKA 1354Z 25Oct2023 0.86m

SOMALIA

BANDER-BEYLA 1520Z 25Oct2023 0.66m  
EYL 1522Z 25Oct2023 0.62m  
XARARDHEERE 1530Z 25Oct2023 0.57m  
GALDOGOB 1530Z 25Oct2023 0.73m

SOUTH AFRICA

BIZANA 1410Z 25Oct2023 1.05m  
MARGATE 1410Z 25Oct2023 1.84m  
PORT ELIZABETH 1414Z 25Oct2023 0.74m  
GEORGE 1414Z 25Oct2023 0.74m  
ELLIOTDALE 1414Z 25Oct2023 0.74m  
PORT ST JOHNS 1414Z 25Oct2023 0.74m  
LUSIKISIKI 1414Z 25Oct2023 0.74m  
BATHURST 1414Z 25Oct2023 0.74m  
HANKEY 1414Z 25Oct2023 0.74m  
ZIKHOVA 1414Z 25Oct2023 0.74m  
GAMTOOS 1414Z 25Oct2023 0.74m  
WITAAND 1414Z 25Oct2023 0.74m  
NGQUELENI 1414Z 25Oct2023 0.74m  
HEIDELBERG 1414Z 25Oct2023 0.74m  
BREDASDORP 1414Z 25Oct2023 0.74m  
WILLOWVALE 1414Z 25Oct2023 0.74m  
KENTANI 1414Z 25Oct2023 0.74m  
MARSHSTRAND 1414Z 25Oct2023 0.74m  
PEDDIE 1414Z 25Oct2023 0.74m



ALEXANDRIA	1414Z	25Oct2023	0.74m
HUMANSDORP	1414Z	25Oct2023	0.74m
MOSSEL	1414Z	25Oct2023	0.74m
KAYSER'S BEACH	1414Z	25Oct2023	0.74m
KELSO	1418Z	25Oct2023	2.02m
PORT DURNFORD	1434Z	25Oct2023	0.88m
MANDI	1444Z	25Oct2023	1.21m
ABORETUM	1446Z	25Oct2023	1.47m
KOSIMEER	1546Z	25Oct2023	0.84m

SRI LANKA  
MORATUWA 1136Z 25Oct2023 1.22m

TANZANIA  
MADANGWA 1632Z 25Oct2023 0.51m

UNITED KINGDOM  
NW EGMONT ISLAND 0958Z 25Oct2023 0.58m

YEMEN  
SOCOTRA ISLAND SOUTH 1322Z 25Oct2023 0.78m  
AL GHAYDAH AIRPORT 1604Z 25Oct2023 0.53m

#### 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  
#  
#####

# BULLETIN 9

IDY68501  
#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT  
#  
#####

-----  
TSUNAMI BULLETIN NUMBER 9 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)  
ISSUED AT 0650 UTC Wednesday 25 October 2023  
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... 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: 9.1 Mwp  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

Benoa UTC	INDONESIA	8.83S 115.33E	11.79m	25 Oct 02:26
Christmas Is UTC	AUSTRALIA	10.40S 105.67E	1.14m	25 Oct 02:30
Deep Ocean Buoy 56001 UTC	INDIAN OCEAN	14.02S 109.94E	2.28m	25 Oct 02:36
Deep Ocean Buoy 56003 UTC	INDIAN OCEAN	15.02S 117.94E	1.04m	25 Oct 02:36
Prigi UTC	INDONESIA	8.33S 111.83E	9.06m	25 Oct 02:36
Sadeng UTC	INDONESIA	8.33S 110.83E	17.60m	25 Oct 02:40
Waikelo UTC	INDONESIA	9.40S 119.22E	5.25m	25 Oct 02:47
Lembar UTC	INDONESIA	8.70S 116.07E	7.88m	25 Oct 02:48
Cilacap UTC	INDONESIA	7.80S 109.00E	11.52m	25 Oct 02:51
Pangandaran UTC	INDONESIA	7.83S 108.50E	9.01m	25 Oct 02:54
Rote UTC	INDONESIA	10.70S 123.06E	0.88m	25 Oct 03:18

Enggano UTC	INDONESIA	5.30S 102.28E	2.42m	25 Oct 03:35
Tanjung Lesung UTC	INDONESIA	6.50S 105.50E	1.98m	25 Oct 03:42
Cocos Island. UTC	AUSTRALIA	12.10S 96.89E	0.66m	25 Oct 03:46
Marina Jambu UTC	INDONESIA	6.19S 105.83E	1.48m	25 Oct 03:52
Point Murat UTC	AUSTRALIA	21.80S 114.19E	18.01m	25 Oct 04:23
Seblat UTC	INDONESIA	3.17S 101.50E	1.68m	25 Oct 04:27
Telukdalam UTC	INDONESIA	0.50N 97.83E	1.04m	25 Oct 04:42
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S 113.40E	6.87m	25 Oct 04:46
Ambon UTC	INDONESIA	3.70S 128.18E	1.67m	25 Oct 05:03
Padang UTC	INDONESIA	1.00S 100.37E	0.44m	25 Oct 05:09
Broome. UTC	AUSTRALIA	18.00S 122.22E	1.04m	25 Oct 05:42
Port Hedland(Offshore) UTC	AUSTRALIA	20.00S 118.42E	2.02m	25 Oct 05:56
Hillarys Harbor UTC	AUSTRALIA	31.80S 115.74E	1.94m	25 Oct 06:01
Meulaboh UTC	INDONESIA	4.17N 96.00E	0.40m	25 Oct 06:03
Saumlaki UTC	INDONESIA	8.00S 131.29E	0.08m	25 Oct 06:05
Sabang UTC	INDONESIA	5.80N 95.33E	0.16m	25 Oct 06:17
Sibolga UTC	INDONESIA	1.67N 98.67E	0.34m	25 Oct 06:35
Nancowry UTC	INDIA	8.10N 93.55E	0.22m	25 Oct 06:37

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

NINGALOO COAST	0404Z	25Oct2023	28.25m
PILBARA COAST WEST	0406Z	25Oct2023	6.98m
WEST KIMBERLY COAST	0418Z	25Oct2023	2.72m
PILBARA COAST EAST	0424Z	25Oct2023	3.41m
GASCOYNE COAST	0450Z	25Oct2023	7.85m
NORTH KIMBERLY COAST	0456Z	25Oct2023	1.33m
GERALDTON COAST	0508Z	25Oct2023	2.56m
LANCELIN COAST	0534Z	25Oct2023	1.01m
PERTH COAST	0542Z	25Oct2023	1.15m
BUNBURY GEOGRAPHE COAST	0600Z	25Oct2023	1.59m
LEEUWIN COAST	0614Z	25Oct2023	1.18m
ALBANY COAST	0720Z	25Oct2023	1.00m
HEARD ISLAND AND MCDONALD ISLANDS	1038Z	25Oct2023	7.25m
AURORA BANK	1054Z	25Oct2023	3.93m
WEST COAST VIC	2024Z	25Oct2023	0.57m
CENTRAL WEST COAST TAS	0154Z	26Oct2023	0.65m

FRANCE

ILE KERGUELEN	1022Z	25Oct2023	2.79m
CROZET PLATEAU	1200Z	25Oct2023	2.37m

INDIA

MAHABALIPURAM	1314Z	25Oct2023	0.96m
CHENNAI	1314Z	25Oct2023	0.96m
TRIVANDRUM	1330Z	25Oct2023	0.57m
KANYAKUMARI	1330Z	25Oct2023	1.15m
SRIHARIKOTA	1332Z	25Oct2023	1.09m
KOODANKULAM	1400Z	25Oct2023	1.15m
NAGAPATTINAM	1412Z	25Oct2023	0.72m
ENNORE	1430Z	25Oct2023	1.41m
KANNUR	1446Z	25Oct2023	0.57m
NORTH SENTINEL ISLAND	1638Z	25Oct2023	0.59m
KARWAR	2010Z	25Oct2023	0.51m
VASCO	2116Z	25Oct2023	0.57m
KOMATRA & KATCHAL ISLAND	2140Z	25Oct2023	0.55m

INDONESIA

NTB LOMBOK-TENGAH	0218Z	25Oct2023	23.63m
NTB LOMBOK-TIMUR S	0218Z	25Oct2023	19.75m
NTB SUMBAWA S	0220Z	25Oct2023	8.85m
JATIM TRENGGALEK	0220Z	25Oct2023	17.61m
JATIM MALANG	0222Z	25Oct2023	16.04m
JATIM JEMBER P.NUSABARUNG	0222Z	25Oct2023	21.79m
JATIM JEMBER	0222Z	25Oct2023	20.03m
JABAR TASIKMALAYA	0224Z	25Oct2023	4.66m
JATENG PURWOREJO	0224Z	25Oct2023	11.20m
JATENG KEBUMEN	0224Z	25Oct2023	9.93m
JATIM PACITAN	0226Z	25Oct2023	16.18m
JATIM BLITAR	0226Z	25Oct2023	12.40m
JATENG WONOGIRI	0228Z	25Oct2023	18.52m
DIY GUNUNG-KIDUL	0228Z	25Oct2023	18.52m
JABAR GARUT	0228Z	25Oct2023	4.14m
DIY KULON-PROGO	0230Z	25Oct2023	9.64m
JABAR CIANJUR SINDANGBARANG	0230Z	25Oct2023	4.38m
DIY BANTUL	0230Z	25Oct2023	15.47m
JATIM LUMAJANG	0234Z	25Oct2023	10.09m
JABAR CIAMIS	0234Z	25Oct2023	3.54m
JABAR SUKABUMI UJUNG-GENTENG	0236Z	25Oct2023	4.62m
JATENG CILACAP	0240Z	25Oct2023	4.84m

BANTEN LEBAK	0246Z	25Oct2023	2.32m
BANTEN PANDEGLANG S	0246Z	25Oct2023	3.18m
JABAR SUKABUMI PELABUHAN-RATU	0246Z	25Oct2023	9.24m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0322Z	25Oct2023	1.15m
BENGKULU BENGKULU-UTARA P.ENGGANO	0324Z	25Oct2023	1.11m
BENGKULU BENGKULU-SELATAN	0344Z	25Oct2023	1.16m
BENGKULU SELUMA	0346Z	25Oct2023	1.76m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0420Z	25Oct2023	1.12m
BENGKULU BENGKULU-UTARA S	0426Z	25Oct2023	1.26m
SUMUT MANDAILING-NATAL S	0824Z	25Oct2023	0.67m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0930Z	25Oct2023	1.06m
SUMUT NIAS-SELATAN P.TANABALA	0948Z	25Oct2023	0.79m
NIAS-EAST	1004Z	25Oct2023	0.76m
SUMUT NIAS-SELATAN P.NIAS	1006Z	25Oct2023	0.69m
NAD SIMEULUE P.SIMEULUE	1034Z	25Oct2023	0.85m

KENYA

KIWAYU	1748Z	25Oct2023	0.75m
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MADAGASCAR

TOAMASINA AIRPORT	1052Z	25Oct2023	1.21m
AMBAHY	1056Z	25Oct2023	1.68m
FARAFAGANA	1104Z	25Oct2023	0.93m
TAMPOLO	1106Z	25Oct2023	1.84m
VOHEMAR	1132Z	25Oct2023	1.15m
MANANTENINA	1224Z	25Oct2023	0.81m
ANOROTSANGANA	1326Z	25Oct2023	0.71m
ANDROKA	1352Z	25Oct2023	0.80m
SAMPONA	1416Z	25Oct2023	0.65m

MALDIVES

FERIDHOO	1030Z	25Oct2023	0.66m
MALE	1200Z	25Oct2023	0.60m
GOIDHOO	2116Z	25Oct2023	0.54m

MAURITIUS

CARGADOS CARAJOS	1048Z	25Oct2023	1.61m
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MOZAMBIQUE

ZAVALA	1452Z	25Oct2023	0.96m
XAI-XAI	1456Z	25Oct2023	0.84m
MALUANA	1632Z	25Oct2023	0.59m
INHARRIME	2032Z	25Oct2023	0.64m

OMAN

SALALAH	1410Z	25Oct2023	0.60m
MUSCAT	2332Z	25Oct2023	0.57m

SEYCHELLES

TAKAMAKA	1354Z	25Oct2023	0.86m
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SOMALIA

BANDER-BEYLA	1520Z	25Oct2023	0.66m
EYL	1522Z	25Oct2023	0.62m
XARARDHEERE	1530Z	25Oct2023	0.57m
GALDOGOB	1530Z	25Oct2023	0.73m

SOUTH AFRICA

BIZANA	1410Z	25Oct2023	1.05m
MARGATE	1410Z	25Oct2023	1.84m
PORT ELIZABETH	1414Z	25Oct2023	0.74m

GEORGE	1414Z	25Oct2023	0.74m
ELLIOTDALE	1414Z	25Oct2023	0.74m
PORT ST JOHNS	1414Z	25Oct2023	0.74m
LUSIKISIKI	1414Z	25Oct2023	0.74m
BATHURST	1414Z	25Oct2023	0.74m
HANKEY	1414Z	25Oct2023	0.74m
ZIKHOVA	1414Z	25Oct2023	0.74m
GAMTOOS	1414Z	25Oct2023	0.74m
WITAAND	1414Z	25Oct2023	0.74m
NGQUELENI	1414Z	25Oct2023	0.74m
HEIDELBERG	1414Z	25Oct2023	0.74m
BREDASDORP	1414Z	25Oct2023	0.74m
WILLOWVALE	1414Z	25Oct2023	0.74m
KENTANI	1414Z	25Oct2023	0.74m
MARSHSTRAND	1414Z	25Oct2023	0.74m
PEDDIE	1414Z	25Oct2023	0.74m
ALEXANDRIA	1414Z	25Oct2023	0.74m
HUMANSDORP	1414Z	25Oct2023	0.74m
MOSSEL	1414Z	25Oct2023	0.74m
KAYSER'S BEACH	1414Z	25Oct2023	0.74m
KELSO	1418Z	25Oct2023	2.02m
PORT DURNFORD	1434Z	25Oct2023	0.88m
MANDI	1444Z	25Oct2023	1.21m
ABORETUM	1446Z	25Oct2023	1.47m
KOSIMEER	1546Z	25Oct2023	0.84m

SRI LANKA

MORATUWA 1136Z 25Oct2023 1.22m

TANZANIA

MADANGWA 1632Z 25Oct2023 0.51m

UNITED KINGDOM

NW EGMONT ISLAND 0958Z 25Oct2023 0.58m

YEMEN

SOCOTRA ISLAND SOUTH 1322Z 25Oct2023 0.78m

AL GHAYDAH AIRPORT 1604Z 25Oct2023 0.53m

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.

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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  
#  
#####

# BULLETIN 10

IDY68501  
#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT  
#  
#####

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TSUNAMI BULLETIN NUMBER 10 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)  
ISSUED AT 0750 UTC Wednesday 25 October 2023  
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... 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: 9.1 Mwp  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

Benoa UTC	INDONESIA	8.83S 115.33E	11.79m	25 Oct 02:26
Christmas Is UTC	AUSTRALIA	10.40S 105.67E	1.14m	25 Oct 02:30
Deep Ocean Buoy 56001 UTC	INDIAN OCEAN	14.02S 109.94E	2.28m	25 Oct 02:36
Deep Ocean Buoy 56003 UTC	INDIAN OCEAN	15.02S 117.94E	1.04m	25 Oct 02:36
Prigi UTC	INDONESIA	8.33S 111.83E	9.06m	25 Oct 02:36
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Lembar UTC	INDONESIA	8.70S 116.07E	7.88m	25 Oct 02:48
Cilacap UTC	INDONESIA	7.80S 109.00E	11.52m	25 Oct 02:51
Pangandaran UTC	INDONESIA	7.83S 108.50E	9.01m	25 Oct 02:54
Rote UTC	INDONESIA	10.70S 123.06E	0.88m	25 Oct 03:18



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Tanjung Lesung UTC	INDONESIA	6.50S 105.50E	1.98m	25 Oct 03:42
Cocos Island. UTC	AUSTRALIA	12.10S 96.89E	0.66m	25 Oct 03:46
Marina Jambu UTC	INDONESIA	6.19S 105.83E	1.48m	25 Oct 03:52
Point Murat UTC	AUSTRALIA	21.80S 114.19E	18.01m	25 Oct 04:23
Seblat UTC	INDONESIA	3.17S 101.50E	1.68m	25 Oct 04:27
Telukdalam UTC	INDONESIA	0.50N 97.83E	1.04m	25 Oct 04:42
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S 113.40E	6.87m	25 Oct 04:46
Ambon UTC	INDONESIA	3.70S 128.18E	1.67m	25 Oct 05:03
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Sabang UTC	INDONESIA	5.80N 95.33E	0.16m	25 Oct 06:17
Sibolga UTC	INDONESIA	1.67N 98.67E	0.34m	25 Oct 06:35
Nancowry UTC	INDIA	8.10N 93.55E	0.22m	25 Oct 06:37
Kirinda UTC	SRI LANKA	6.20N 81.32E	1.96m	25 Oct 07:02
Trincomalee UTC	SRI LANKA	8.67N 81.33E	0.69m	25 Oct 07:10
Port Blair UTC	INDIA	11.70N 92.76E	0.13m	25 Oct 07:10
Diego Garcia UTC	UK	7.20S 72.43E	1.27m	25 Oct 07:13
Gan UTC	MALDIVES	0.70S 73.15E	0.88m	25 Oct 07:20
Colombo UTC	SRI LANKA	7.00N 79.85E	0.82m	25 Oct 07:31
Male UTC	MALDIVES	4.20N 73.53E	1.24m	25 Oct 07:39

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

NINGALOO COAST	0404Z	25Oct2023	28.25m
PILBARA COAST WEST	0406Z	25Oct2023	6.98m
WEST KIMBERLY COAST	0418Z	25Oct2023	2.72m
PILBARA COAST EAST	0424Z	25Oct2023	3.41m
GASCOYNE COAST	0450Z	25Oct2023	7.85m
NORTH KIMBERLY COAST	0456Z	25Oct2023	1.33m
GERALDTON COAST	0508Z	25Oct2023	2.56m
LANCELIN COAST	0534Z	25Oct2023	1.01m
PERTH COAST	0542Z	25Oct2023	1.15m
BUNBURY GEOGRAPHE COAST	0600Z	25Oct2023	1.59m
LEEUEWIN COAST	0614Z	25Oct2023	1.18m
ALBANY COAST	0720Z	25Oct2023	1.00m
HEARD ISLAND AND MCDONALD ISLANDS	1038Z	25Oct2023	7.25m
AURORA BANK	1054Z	25Oct2023	3.93m
WEST COAST VIC	2024Z	25Oct2023	0.57m
CENTRAL WEST COAST TAS	0154Z	26Oct2023	0.65m

#### FRANCE

ILE SAINT-PAUL-NORTH	0800Z	25Oct2023	1.41m
ILE SAINT-PAUL-SOUTH	0808Z	25Oct2023	1.40m
SAINT-JOSEPH	0952Z	25Oct2023	1.11m
ILE KERGUELEN	1022Z	25Oct2023	2.79m
SAINT-DENIS	1038Z	25Oct2023	0.63m
ILE DE LA POSSESSION	1152Z	25Oct2023	1.07m
CROZET PLATEAU	1200Z	25Oct2023	2.37m
NES CROZET	1210Z	25Oct2023	1.27m

#### INDIA

MARAKKANAM	1104Z	25Oct2023	0.57m
MACHILIPATNAM	1236Z	25Oct2023	0.79m
KOTTAPATNAM	1258Z	25Oct2023	0.56m
ALLEPPEY ALAPPUZHA	1300Z	25Oct2023	0.84m
NIJAMPATTANAM	1300Z	25Oct2023	0.51m
CUDDALORE	1314Z	25Oct2023	0.87m
CHENNAI	1314Z	25Oct2023	0.96m
MAHABALIPURAM	1314Z	25Oct2023	0.96m
PUDUCHERRY	1316Z	25Oct2023	0.58m
POOMBUHAR	1326Z	25Oct2023	0.80m
KANYAKUMARI	1330Z	25Oct2023	1.15m
TRIVANDRUM	1330Z	25Oct2023	0.57m
SRIHARIKOTA	1332Z	25Oct2023	1.09m
QUILON	1346Z	25Oct2023	0.55m
KOODANKULAM	1400Z	25Oct2023	1.15m
NAGAPATTINAM	1412Z	25Oct2023	0.72m
VAKKAD	1428Z	25Oct2023	0.53m

ENNORE	1430Z	25Oct2023	1.41m
BEYPORE	1436Z	25Oct2023	0.52m
MAHE	1444Z	25Oct2023	0.53m
KANNUR	1446Z	25Oct2023	0.57m
KASARAGOD	1446Z	25Oct2023	0.51m
KARAIKAL	1502Z	25Oct2023	0.69m
NORTH SENTINEL ISLAND	1638Z	25Oct2023	0.59m
KARWAR	2010Z	25Oct2023	0.51m
VASCO	2116Z	25Oct2023	0.57m
KOMATRA & KATCHAL ISLAND	2140Z	25Oct2023	0.55m

INDONESIA

NTB LOMBOK-TENGAH	0218Z	25Oct2023	23.63m
NTB LOMBOK-TIMUR S	0218Z	25Oct2023	19.75m
JATIM TRENGGALEK	0220Z	25Oct2023	17.61m
NTB SUMBAWA S	0220Z	25Oct2023	8.85m
JATIM MALANG	0222Z	25Oct2023	16.04m
JATIM JEMBER	0222Z	25Oct2023	20.03m
JATIM JEMBER P.NUSABARUNG	0222Z	25Oct2023	21.79m
NTT SUMBA B	0222Z	25Oct2023	4.36m
JABAR TASIKMALAYA	0224Z	25Oct2023	4.66m
JATENG KEBUMEN	0224Z	25Oct2023	9.93m
JATENG PURWOREJO	0224Z	25Oct2023	11.20m
NTB DOMPU S	0224Z	25Oct2023	6.22m
JATIM BLITAR	0226Z	25Oct2023	12.40m
NTT SUMBA T	0226Z	25Oct2023	3.58m
JATIM PACITAN	0226Z	25Oct2023	16.18m
JABAR GARUT	0228Z	25Oct2023	4.14m
DIY GUNUNG-KIDUL	0228Z	25Oct2023	18.52m
JATENG WONOGIRI	0228Z	25Oct2023	18.52m
NTB KOTA-BIMA S	0228Z	25Oct2023	4.18m
JABAR CIANJUR SINDANGBARANG	0230Z	25Oct2023	4.38m
DIY KULON-PROGO	0230Z	25Oct2023	9.64m
JATIM TULUNGAGUNG	0230Z	25Oct2023	6.93m
DIY BANTUL	0230Z	25Oct2023	15.47m
JABAR CIAMIS	0234Z	25Oct2023	3.54m
JATIM LUMAJANG	0234Z	25Oct2023	10.09m
JABAR SUKABUMI UJUNG-GENTENG	0236Z	25Oct2023	4.62m
JATENG CILACAP	0240Z	25Oct2023	4.84m
NTT MANGGARAI-BARAT P.	0240Z	25Oct2023	2.36m
BANTEN LEBAK	0246Z	25Oct2023	2.32m
JABAR SUKABUMI PELABUHAN-RATU	0246Z	25Oct2023	9.24m
BANTEN PANDEGLANG S	0246Z	25Oct2023	3.18m
NTT MANGGARAI-BARAT S	0250Z	25Oct2023	2.04m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0322Z	25Oct2023	1.15m
BENGKULU BENGKULU-UTARA P.ENGGANO	0324Z	25Oct2023	1.11m
BENGKULU BENGKULU-SELATAN	0344Z	25Oct2023	1.16m
BENGKULU SELUMA	0346Z	25Oct2023	1.76m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0420Z	25Oct2023	1.12m
BENGKULU BENGKULU-UTARA S	0426Z	25Oct2023	1.26m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0656Z	25Oct2023	0.79m
SUMUT MANDAILING-NATAL S	0824Z	25Oct2023	0.67m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0916Z	25Oct2023	0.64m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0930Z	25Oct2023	1.06m
SUMUT NIAS-SELATAN P.TANABALA	0948Z	25Oct2023	0.79m
NIAS-EAST	1004Z	25Oct2023	0.76m
SUMUT NIAS-SELATAN P.NIAS	1006Z	25Oct2023	0.69m
NAD SIMEULUE P.SIMEULUE	1034Z	25Oct2023	0.85m
SUMBAR KOTA-PADANG U	1042Z	25Oct2023	0.61m
SUMUT NIAS B	1056Z	25Oct2023	0.76m
SUMBAR PESISIR-SELATAN S	1112Z	25Oct2023	0.56m

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SUMUT MANDAILING-NATAL U	1118Z	25Oct2023	0.63m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1128Z	25Oct2023	0.53m
NAD NAGAN-RAYA	1202Z	25Oct2023	0.60m
NAD ACEH-BARAT-DAYA	1206Z	25Oct2023	0.58m
NAD ACEH-JAYA	1210Z	25Oct2023	0.52m
SUMUT TAPANULI-TENGAH S	1600Z	25Oct2023	0.54m
SUMUT TAPANULI-SELATAN	1600Z	25Oct2023	0.54m

KENYA

KIWAYU	1748Z	25Oct2023	0.75m
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MADAGASCAR

TOAMASINA AIRPORT	1052Z	25Oct2023	1.21m
AMBAHY	1056Z	25Oct2023	1.68m
FARAFAGANA	1104Z	25Oct2023	0.93m
TAMPOLO	1106Z	25Oct2023	1.84m
VOHEMAR	1132Z	25Oct2023	1.15m
MANANTENINA	1224Z	25Oct2023	0.81m
ANOROTSANGANA	1326Z	25Oct2023	0.71m
ANDROKA	1352Z	25Oct2023	0.80m
SAMPONA	1416Z	25Oct2023	0.65m

MALDIVES

DHIYAMIGILI	0918Z	25Oct2023	0.59m
NILANDHOO	1026Z	25Oct2023	0.91m
FERIDHOO	1030Z	25Oct2023	0.66m
KOLHUFUSHI	1036Z	25Oct2023	0.53m
THINADHOO	1116Z	25Oct2023	0.77m
MALE	1200Z	25Oct2023	0.60m
KULHUDUFFUSHI	1208Z	25Oct2023	0.59m
GOIDHOO	2116Z	25Oct2023	0.54m

MAURITIUS

LA FERME	0842Z	25Oct2023	1.08m
GRANDE REVIERE SUD EST-EAST	0932Z	25Oct2023	1.19m
GRANDE REVIERE SUD EST-WEST	0950Z	25Oct2023	0.60m
CARGADOS CARAJOS	1048Z	25Oct2023	1.61m

MOZAMBIQUE

ZAVALA	1452Z	25Oct2023	0.96m
XAI-XAI	1456Z	25Oct2023	0.84m
MAPUTO	1558Z	25Oct2023	0.55m
MALUANA	1632Z	25Oct2023	0.59m
INHARRIME	2032Z	25Oct2023	0.64m

OMAN

HASIK	1402Z	25Oct2023	0.51m
TAQAH	1408Z	25Oct2023	0.65m
SALALAH	1410Z	25Oct2023	0.60m
MIRBAT	1434Z	25Oct2023	0.51m
MUSCAT	2332Z	25Oct2023	0.57m

SEYCHELLES

TAKAMAKA	1354Z	25Oct2023	0.86m
FREGATE ISLAND	1416Z	25Oct2023	0.67m

SOMALIA

JARIIBAN	1358Z	25Oct2023	0.69m
JILIB	1438Z	25Oct2023	0.58m
MAREEG	1516Z	25Oct2023	0.51m
ITALA	1518Z	25Oct2023	0.51m

BANDER-BEYLA	1520Z	25Oct2023	0.66m
EYL	1522Z	25Oct2023	0.62m
XARARDHEERE	1530Z	25Oct2023	0.57m
GALDOGOB	1530Z	25Oct2023	0.73m

SOUTH AFRICA

FUNK SEAMOUNT	1320Z	25Oct2023	1.14m
MARGATE	1410Z	25Oct2023	1.84m
BIZANA	1410Z	25Oct2023	1.05m
PORT ELIZABETH	1414Z	25Oct2023	0.74m
BATHURST	1414Z	25Oct2023	0.74m
ELLIOTDALE	1414Z	25Oct2023	0.74m
PORT ST JOHNS	1414Z	25Oct2023	0.74m
LUSIKISIKI	1414Z	25Oct2023	0.74m
HANKEY	1414Z	25Oct2023	0.74m
ZIKHOVA	1414Z	25Oct2023	0.74m
GAMTOOS	1414Z	25Oct2023	0.74m
GEORGE	1414Z	25Oct2023	0.74m
WITAAND	1414Z	25Oct2023	0.74m
NGQUELENI	1414Z	25Oct2023	0.74m
HEIDELBERG	1414Z	25Oct2023	0.74m
KAYSER'S BEACH	1414Z	25Oct2023	0.74m
BREDASDORP	1414Z	25Oct2023	0.74m
WILLOWVALE	1414Z	25Oct2023	0.74m
KENTANI	1414Z	25Oct2023	0.74m
MARSHSTRAND	1414Z	25Oct2023	0.74m
PEDDIE	1414Z	25Oct2023	0.74m
ALEXANDRIA	1414Z	25Oct2023	0.74m
HUMANSDORP	1414Z	25Oct2023	0.74m
MOSSEL	1414Z	25Oct2023	0.74m
KELSO	1418Z	25Oct2023	2.02m
LAKE SIBAYI	1432Z	25Oct2023	0.69m
PORT DURNFORD	1434Z	25Oct2023	0.88m
MANDI	1444Z	25Oct2023	1.21m
ABORETUM	1446Z	25Oct2023	1.47m
KOSIMEER	1546Z	25Oct2023	0.84m

SRI LANKA

HAMBANTOTA	1026Z	25Oct2023	0.77m
GALLE	1028Z	25Oct2023	0.62m
MATARA	1028Z	25Oct2023	0.62m
AKKARAI PATTU	1108Z	25Oct2023	0.59m
OKANDA	1108Z	25Oct2023	0.56m
BATTICALOA	1114Z	25Oct2023	0.55m
MORATUWA	1136Z	25Oct2023	1.22m
NEGOMBO	1136Z	25Oct2023	0.58m
MULLAITTIVU	1140Z	25Oct2023	0.79m
POTTUVIL	1206Z	25Oct2023	0.50m
TANGALLE	1206Z	25Oct2023	0.79m
KATTANKUDI	1222Z	25Oct2023	0.55m
PANKULAM	1234Z	25Oct2023	0.50m
CHUNDIKKULAM	1244Z	25Oct2023	0.60m
AMBALANGODA	1316Z	25Oct2023	0.61m
BERUWALA	1324Z	25Oct2023	0.60m
COLOMBO	1326Z	25Oct2023	0.60m

TANZANIA

MADANGWA	1632Z	25Oct2023	0.51m
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UNITED KINGDOM

DIEGO GARCIA	0836Z	25Oct2023	0.74m
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NW EGMONT ISLAND 0958Z 25Oct2023 0.58m

YEMEN

SOCOTRA ISLAND SOUTH 1322Z 25Oct2023 0.78m

AL GHAYDAH AIRPORT 1604Z 25Oct2023 0.53m

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  
#  
#####

# BULLETIN 11

IDY68501  
#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT  
#  
#####

-----  
TSUNAMI BULLETIN NUMBER 11 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)  
ISSUED AT 0850 UTC Wednesday 25 October 2023  
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... 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: 9.1 Mwp  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

Benoa UTC	INDONESIA	8.83S 115.33E	11.79m	25 Oct 02:26
Christmas Is UTC	AUSTRALIA	10.40S 105.67E	1.14m	25 Oct 02:30
Deep Ocean Buoy 56001 UTC	INDIAN OCEAN	14.02S 109.94E	2.28m	25 Oct 02:36
Deep Ocean Buoy 56003 UTC	INDIAN OCEAN	15.02S 117.94E	1.04m	25 Oct 02:36
Prigi UTC	INDONESIA	8.33S 111.83E	9.06m	25 Oct 02:36
Sadeng UTC	INDONESIA	8.33S 110.83E	17.60m	25 Oct 02:40
Waikelo UTC	INDONESIA	9.40S 119.22E	5.25m	25 Oct 02:47
Lembar UTC	INDONESIA	8.70S 116.07E	7.88m	25 Oct 02:48
Cilacap UTC	INDONESIA	7.80S 109.00E	11.52m	25 Oct 02:51
Pangandaran UTC	INDONESIA	7.83S 108.50E	9.01m	25 Oct 02:54
Rote UTC	INDONESIA	10.70S 123.06E	0.88m	25 Oct 03:18
Enggano UTC	INDONESIA	5.30S 102.28E	2.42m	25 Oct 03:35

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Tanjung Lesung UTC	INDONESIA	6.50S 105.50E	1.98m	25 Oct 03:42
Cocos Island. UTC	AUSTRALIA	12.10S 96.89E	0.66m	25 Oct 03:46
Marina Jambu UTC	INDONESIA	6.19S 105.83E	1.48m	25 Oct 03:52
Point Murat UTC	AUSTRALIA	21.80S 114.19E	18.01m	25 Oct 04:23
Seblat UTC	INDONESIA	3.17S 101.50E	1.68m	25 Oct 04:27
Telukdalam UTC	INDONESIA	0.50N 97.83E	1.04m	25 Oct 04:42
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S 113.40E	6.87m	25 Oct 04:46
Ambon UTC	INDONESIA	3.70S 128.18E	1.67m	25 Oct 05:03
Padang UTC	INDONESIA	1.00S 100.37E	0.44m	25 Oct 05:09
Broome. UTC	AUSTRALIA	18.00S 122.22E	1.04m	25 Oct 05:42
Port Hedland(Offshore) UTC	AUSTRALIA	20.00S 118.42E	2.02m	25 Oct 05:56
Hillarys Harbor UTC	AUSTRALIA	31.80S 115.74E	1.94m	25 Oct 06:01
Meulaboh UTC	INDONESIA	4.17N 96.00E	0.40m	25 Oct 06:03
Saumlaki UTC	INDONESIA	8.00S 131.29E	0.08m	25 Oct 06:05
Sabang UTC	INDONESIA	5.80N 95.33E	0.16m	25 Oct 06:17
Sibolga UTC	INDONESIA	1.67N 98.67E	0.34m	25 Oct 06:35
Nancowry UTC	INDIA	8.10N 93.55E	0.22m	25 Oct 06:37
Kirinda UTC	SRI LANKA	6.20N 81.32E	1.96m	25 Oct 07:02
Trincomalee UTC	SRI LANKA	8.67N 81.33E	0.69m	25 Oct 07:10
Port Blair UTC	INDIA	11.70N 92.76E	0.13m	25 Oct 07:10
Diego Garcia UTC	UK	7.20S 72.43E	1.27m	25 Oct 07:13
Gan UTC	MALDIVES	0.70S 73.15E	0.88m	25 Oct 07:20
Colombo UTC	SRI LANKA	7.00N 79.85E	0.82m	25 Oct 07:31
Male UTC	MALDIVES	4.20N 73.53E	1.24m	25 Oct 07:39
Ko Taphao Noi UTC	THAILAND	7.80N 98.42E	0.13m	25 Oct 07:55
Esperance. UTC	AUSTRALIA	33.83S 122.00E	0.30m	25 Oct 08:01
Hanimadhoo UTC	MALDIVES	6.80N 73.17E	0.77m	25 Oct 08:04
Chennai UTC	INDIA	13.10N 80.30E	0.51m	25 Oct 08:08
Minicoy UTC	INDIA	8.30N 73.05E	0.61m	25 Oct 08:13
Visakhapatnam UTC	INDIA	17.70N 83.28E	0.57m	25 Oct 08:36



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

NINGALOO COAST	0404Z	25Oct2023	28.25m
PILBARA COAST WEST	0406Z	25Oct2023	6.98m
WEST KIMBERLY COAST	0418Z	25Oct2023	2.72m
PILBARA COAST EAST	0424Z	25Oct2023	3.41m
GASCOYNE COAST	0450Z	25Oct2023	7.85m
NORTH KIMBERLY COAST	0456Z	25Oct2023	1.33m
GERALDTON COAST	0508Z	25Oct2023	2.56m
LANCELIN COAST	0534Z	25Oct2023	1.01m
PERTH COAST	0542Z	25Oct2023	1.15m
BUNBURY GEOGRAPHE COAST	0600Z	25Oct2023	1.59m
LEEUEWIN COAST	0614Z	25Oct2023	1.18m
ALBANY COAST	0720Z	25Oct2023	1.00m
HEARD ISLAND AND MCDONALD ISLANDS	1038Z	25Oct2023	7.25m
AURORA BANK	1054Z	25Oct2023	3.93m
WEST COAST VIC	2024Z	25Oct2023	0.57m
CENTRAL WEST COAST TAS	0154Z	26Oct2023	0.65m

#### FRANCE

ILE SAINT-PAUL-NORTH	0800Z	25Oct2023	1.41m
ILE SAINT-PAUL-SOUTH	0808Z	25Oct2023	1.40m
SAINT-JOSEPH	0952Z	25Oct2023	1.11m
ILE KERGUELEN	1022Z	25Oct2023	2.79m
SAINT-DENIS	1038Z	25Oct2023	0.63m
ILE DE LA POSSESSION	1152Z	25Oct2023	1.07m
CROZET PLATEAU	1200Z	25Oct2023	2.37m
NES CROZET	1210Z	25Oct2023	1.27m

#### INDIA

MARAKKANAM	1104Z	25Oct2023	0.57m
MACHILIPATNAM	1236Z	25Oct2023	0.79m
KOTTAPATNAM	1258Z	25Oct2023	0.56m
ALLEPPEY ALAPPUZHA	1300Z	25Oct2023	0.84m
NIJAMPATTANAM	1300Z	25Oct2023	0.51m
CUDDALORE	1314Z	25Oct2023	0.87m
CHENNAI	1314Z	25Oct2023	0.96m

MAHABALIPURAM	1314Z	25Oct2023	0.96m
PUDUCHERRY	1316Z	25Oct2023	0.58m
POOMBUHAR	1326Z	25Oct2023	0.80m
KANYAKUMARI	1330Z	25Oct2023	1.15m
TRIVANDRUM	1330Z	25Oct2023	0.57m
SRIHARIKOTA	1332Z	25Oct2023	1.09m
QUILON	1346Z	25Oct2023	0.55m
KOODANKULAM	1400Z	25Oct2023	1.15m
NAGAPATTINAM	1412Z	25Oct2023	0.72m
VAKKAD	1428Z	25Oct2023	0.53m
ENNORE	1430Z	25Oct2023	1.41m
BEYPORE	1436Z	25Oct2023	0.52m
MAHE	1444Z	25Oct2023	0.53m
KANNUR	1446Z	25Oct2023	0.57m
KASARAGOD	1446Z	25Oct2023	0.51m
KARAIKAL	1502Z	25Oct2023	0.69m
NORTH SENTINEL ISLAND	1638Z	25Oct2023	0.59m
KARWAR	2010Z	25Oct2023	0.51m
VASCO	2116Z	25Oct2023	0.57m
KOMATRA & KATCHAL ISLAND	2140Z	25Oct2023	0.55m
INDONESIA			
NTB LOMBOK-TENGAH	0218Z	25Oct2023	23.63m
NTB LOMBOK-TIMUR S	0218Z	25Oct2023	19.75m
JATIM TRENGGALEK	0220Z	25Oct2023	17.61m
NTB SUMBAWA S	0220Z	25Oct2023	8.85m
JATIM MALANG	0222Z	25Oct2023	16.04m
JATIM JEMBER	0222Z	25Oct2023	20.03m
JATIM JEMBER P.NUSABARUNG	0222Z	25Oct2023	21.79m
NTT SUMBA B	0222Z	25Oct2023	4.36m
JABAR TASIKMALAYA	0224Z	25Oct2023	4.66m
JATENG KEBUMEN	0224Z	25Oct2023	9.93m
JATENG PURWOREJO	0224Z	25Oct2023	11.20m
NTB DOMPU S	0224Z	25Oct2023	6.22m
JATIM BLITAR	0226Z	25Oct2023	12.40m
NTT SUMBA T	0226Z	25Oct2023	3.58m
JATIM PACITAN	0226Z	25Oct2023	16.18m
JABAR GARUT	0228Z	25Oct2023	4.14m
DIY GUNUNG-KIDUL	0228Z	25Oct2023	18.52m
JATENG WONOGIRI	0228Z	25Oct2023	18.52m
NTB KOTA-BIMA S	0228Z	25Oct2023	4.18m
JABAR CIANJUR SINDANGBARANG	0230Z	25Oct2023	4.38m
DIY KULON-PROGO	0230Z	25Oct2023	9.64m
JATIM TULUNGAGUNG	0230Z	25Oct2023	6.93m
DIY BANTUL	0230Z	25Oct2023	15.47m
JABAR CIAMIS	0234Z	25Oct2023	3.54m
JATIM LUMAJANG	0234Z	25Oct2023	10.09m
JABAR SUKABUMI UJUNG-GENTENG	0236Z	25Oct2023	4.62m
JATENG CILACAP	0240Z	25Oct2023	4.84m
NTT MANGGARAI-BARAT P.	0240Z	25Oct2023	2.36m
BANTEN LEBAK	0246Z	25Oct2023	2.32m
JABAR SUKABUMI PELABUHAN-RATU	0246Z	25Oct2023	9.24m
BANTEN PANDEGLANG S	0246Z	25Oct2023	3.18m
NTT MANGGARAI-BARAT S	0250Z	25Oct2023	2.04m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0322Z	25Oct2023	1.15m
BENGKULU BENGKULU-UTARA P.ENGGANO	0324Z	25Oct2023	1.11m
BENGKULU BENGKULU-SELATAN	0344Z	25Oct2023	1.16m
BENGKULU SELUMA	0346Z	25Oct2023	1.76m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0420Z	25Oct2023	1.12m
BENGKULU BENGKULU-UTARA S	0426Z	25Oct2023	1.26m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0656Z	25Oct2023	0.79m

SUMUT MANDAILING-NATAL S	0824Z	25Oct2023	0.67m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0916Z	25Oct2023	0.64m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0930Z	25Oct2023	1.06m
SUMUT NIAS-SELATAN P.TANABALA	0948Z	25Oct2023	0.79m
NIAS-EAST	1004Z	25Oct2023	0.76m
SUMUT NIAS-SELATAN P.NIAS	1006Z	25Oct2023	0.69m
NAD SIMEULUE P.SIMEULUE	1034Z	25Oct2023	0.85m
SUMBAR KOTA-PADANG U	1042Z	25Oct2023	0.61m
SUMUT NIAS B	1056Z	25Oct2023	0.76m
SUMBAR PESISIR-SELATAN S	1112Z	25Oct2023	0.56m
SUMUT MANDAILING-NATAL U	1118Z	25Oct2023	0.63m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1128Z	25Oct2023	0.53m
NAD NAGAN-RAYA	1202Z	25Oct2023	0.60m
NAD ACEH-BARAT-DAYA	1206Z	25Oct2023	0.58m
NAD ACEH-JAYA	1210Z	25Oct2023	0.52m
SUMUT TAPANULI-TENGAH S	1600Z	25Oct2023	0.54m
SUMUT TAPANULI-SELATAN	1600Z	25Oct2023	0.54m

KENYA

KIWAYU	1748Z	25Oct2023	0.75m
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MADAGASCAR

TOAMASINA AIRPORT	1052Z	25Oct2023	1.21m
AMBAHY	1056Z	25Oct2023	1.68m
FARAFAGANA	1104Z	25Oct2023	0.93m
TAMPOLO	1106Z	25Oct2023	1.84m
VOHEMAR	1132Z	25Oct2023	1.15m
MANANTENINA	1224Z	25Oct2023	0.81m
ANOROTSANGANA	1326Z	25Oct2023	0.71m
ANDROKA	1352Z	25Oct2023	0.80m
SAMPONA	1416Z	25Oct2023	0.65m

MALDIVES

DHIYAMIGILI	0918Z	25Oct2023	0.59m
NILANDHOO	1026Z	25Oct2023	0.91m
FERIDHOO	1030Z	25Oct2023	0.66m
KOLHUFUSHI	1036Z	25Oct2023	0.53m
THINADHOO	1116Z	25Oct2023	0.77m
MALE	1200Z	25Oct2023	0.60m
KULHUDUFFUSHI	1208Z	25Oct2023	0.59m
GOIDHOO	2116Z	25Oct2023	0.54m

MAURITIUS

LA FERME	0842Z	25Oct2023	1.08m
GRANDE REVIERE SUD EST-EAST	0932Z	25Oct2023	1.19m
GRANDE REVIERE SUD EST-WEST	0950Z	25Oct2023	0.60m
CARGADOS CARAJOS	1048Z	25Oct2023	1.61m

MOZAMBIQUE

ZAVALA	1452Z	25Oct2023	0.96m
XAI-XAI	1456Z	25Oct2023	0.84m
MAPUTO	1558Z	25Oct2023	0.55m
MALUANA	1632Z	25Oct2023	0.59m
INHARRIME	2032Z	25Oct2023	0.64m

OMAN

HASIK	1402Z	25Oct2023	0.51m
TAQAH	1408Z	25Oct2023	0.65m
SALALAH	1410Z	25Oct2023	0.60m
MIRBAT	1434Z	25Oct2023	0.51m
MUSCAT	2332Z	25Oct2023	0.57m

SEYCHELLES

TAKAMAKA	1354Z	25Oct2023	0.86m
FREGATE ISLAND	1416Z	25Oct2023	0.67m

SOMALIA

JARIIBAN	1358Z	25Oct2023	0.69m
JILIB	1438Z	25Oct2023	0.58m
MAREEG	1516Z	25Oct2023	0.51m
ITALA	1518Z	25Oct2023	0.51m
BANDER-BEYLA	1520Z	25Oct2023	0.66m
EYL	1522Z	25Oct2023	0.62m
XARARDHEERE	1530Z	25Oct2023	0.57m
GALDOGOB	1530Z	25Oct2023	0.73m

SOUTH AFRICA

FUNK SEAMOUNT	1320Z	25Oct2023	1.14m
MARGATE	1410Z	25Oct2023	1.84m
BIZANA	1410Z	25Oct2023	1.05m
PORT ELIZABETH	1414Z	25Oct2023	0.74m
BATHURST	1414Z	25Oct2023	0.74m
ELLIOTDALE	1414Z	25Oct2023	0.74m
PORT ST JOHNS	1414Z	25Oct2023	0.74m
LUSIKISIKI	1414Z	25Oct2023	0.74m
HANKEY	1414Z	25Oct2023	0.74m
ZIKHOVA	1414Z	25Oct2023	0.74m
GAMTOOS	1414Z	25Oct2023	0.74m
GEORGE	1414Z	25Oct2023	0.74m
WITAAND	1414Z	25Oct2023	0.74m
NGQUELENI	1414Z	25Oct2023	0.74m
HEIDELBERG	1414Z	25Oct2023	0.74m
KAYSER'S BEACH	1414Z	25Oct2023	0.74m
BREDASDORP	1414Z	25Oct2023	0.74m
WILLOWVALE	1414Z	25Oct2023	0.74m
KENTANI	1414Z	25Oct2023	0.74m
MARSHSTRAND	1414Z	25Oct2023	0.74m
PEDDIE	1414Z	25Oct2023	0.74m
ALEXANDRIA	1414Z	25Oct2023	0.74m
HUMANSDORP	1414Z	25Oct2023	0.74m
MOSSEL	1414Z	25Oct2023	0.74m
KELSO	1418Z	25Oct2023	2.02m
LAKE SIBAYI	1432Z	25Oct2023	0.69m
PORT DURNFORD	1434Z	25Oct2023	0.88m
MANDI	1444Z	25Oct2023	1.21m
ABORETUM	1446Z	25Oct2023	1.47m
KOSIMEER	1546Z	25Oct2023	0.84m

SRI LANKA

HAMBANTOTA	1026Z	25Oct2023	0.77m
GALLE	1028Z	25Oct2023	0.62m
MATARA	1028Z	25Oct2023	0.62m
AKKARAI Pattu	1108Z	25Oct2023	0.59m
OKANDA	1108Z	25Oct2023	0.56m
BATTICALOA	1114Z	25Oct2023	0.55m
MORATUWA	1136Z	25Oct2023	1.22m
NEGOMBO	1136Z	25Oct2023	0.58m
MULLAITTIVU	1140Z	25Oct2023	0.79m
POTTUVIL	1206Z	25Oct2023	0.50m
TANGALLE	1206Z	25Oct2023	0.79m
KATTANKUDI	1222Z	25Oct2023	0.55m
PANKULAM	1234Z	25Oct2023	0.50m

CHUNDIKKULAM 1244Z 25Oct2023 0.60m  
AMBALANGODA 1316Z 25Oct2023 0.61m  
BERUWALA 1324Z 25Oct2023 0.60m  
COLOMBO 1326Z 25Oct2023 0.60m

TANZANIA  
MADANGWA 1632Z 25Oct2023 0.51m

UNITED KINGDOM  
DIEGO GARCIA 0836Z 25Oct2023 0.74m  
NW EGMONT ISLAND 0958Z 25Oct2023 0.58m

YEMEN  
SOCOTRA ISLAND SOUTH 1322Z 25Oct2023 0.78m  
AL GHAYDAH AIRPORT 1604Z 25Oct2023 0.53m

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  
#  
#####

# BULLETIN 12

IDY68501  
#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT  
#  
#####

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TSUNAMI BULLETIN NUMBER 12 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)  
ISSUED AT 0950 UTC Wednesday 25 October 2023  
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... 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: 9.1 Mwp  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

Benoa UTC	INDONESIA	8.83S 115.33E	11.79m	25 Oct 02:26
Christmas Is UTC	AUSTRALIA	10.40S 105.67E	1.14m	25 Oct 02:30
Deep Ocean Buoy 56001 UTC	INDIAN OCEAN	14.02S 109.94E	2.28m	25 Oct 02:36
Deep Ocean Buoy 56003 UTC	INDIAN OCEAN	15.02S 117.94E	1.04m	25 Oct 02:36
Prigi UTC	INDONESIA	8.33S 111.83E	9.06m	25 Oct 02:36
Sadeng UTC	INDONESIA	8.33S 110.83E	17.60m	25 Oct 02:40
Waikelo UTC	INDONESIA	9.40S 119.22E	5.25m	25 Oct 02:47
Lembar UTC	INDONESIA	8.70S 116.07E	7.88m	25 Oct 02:48
Cilacap UTC	INDONESIA	7.80S 109.00E	11.52m	25 Oct 02:51
Pangandaran UTC	INDONESIA	7.83S 108.50E	9.01m	25 Oct 02:54
Rote UTC	INDONESIA	10.70S 123.06E	0.88m	25 Oct 03:18

Enggano UTC	INDONESIA	5.30S 102.28E	2.42m	25 Oct 03:35
Tanjung Lesung UTC	INDONESIA	6.50S 105.50E	1.98m	25 Oct 03:42
Cocos Island. UTC	AUSTRALIA	12.10S 96.89E	0.66m	25 Oct 03:46
Marina Jambu UTC	INDONESIA	6.19S 105.83E	1.48m	25 Oct 03:52
Point Murat UTC	AUSTRALIA	21.80S 114.19E	18.01m	25 Oct 04:23
Seblat UTC	INDONESIA	3.17S 101.50E	1.68m	25 Oct 04:27
Telukdalam UTC	INDONESIA	0.50N 97.83E	1.04m	25 Oct 04:42
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S 113.40E	6.87m	25 Oct 04:46
Ambon UTC	INDONESIA	3.70S 128.18E	1.67m	25 Oct 05:03
Padang UTC	INDONESIA	1.00S 100.37E	0.44m	25 Oct 05:09
Broome. UTC	AUSTRALIA	18.00S 122.22E	1.04m	25 Oct 05:42
Port Hedland(Offshore) UTC	AUSTRALIA	20.00S 118.42E	2.02m	25 Oct 05:56
Hillarys Harbor UTC	AUSTRALIA	31.80S 115.74E	1.94m	25 Oct 06:01
Meulaboh UTC	INDONESIA	4.17N 96.00E	0.40m	25 Oct 06:03
Saumlaki UTC	INDONESIA	8.00S 131.29E	0.08m	25 Oct 06:05
Sabang UTC	INDONESIA	5.80N 95.33E	0.16m	25 Oct 06:17
Sibolga UTC	INDONESIA	1.67N 98.67E	0.34m	25 Oct 06:35
Nancowry UTC	INDIA	8.10N 93.55E	0.22m	25 Oct 06:37
Kirinda UTC	SRI LANKA	6.20N 81.32E	1.96m	25 Oct 07:02
Trincomalee UTC	SRI LANKA	8.67N 81.33E	0.69m	25 Oct 07:10
Port Blair UTC	INDIA	11.70N 92.76E	0.13m	25 Oct 07:10
Diego Garcia UTC	UK	7.20S 72.43E	1.27m	25 Oct 07:13
Gan UTC	MALDIVES	0.70S 73.15E	0.88m	25 Oct 07:20
Colombo UTC	SRI LANKA	7.00N 79.85E	0.82m	25 Oct 07:31
Male UTC	MALDIVES	4.20N 73.53E	1.24m	25 Oct 07:39
Ko Taphao Noi UTC	THAILAND	7.80N 98.42E	0.13m	25 Oct 07:55
Esperance. UTC	AUSTRALIA	33.83S 122.00E	0.30m	25 Oct 08:01
Hanimadhoo UTC	MALDIVES	6.80N 73.17E	0.77m	25 Oct 08:04
Chennai UTC	INDIA	13.10N 80.30E	0.51m	25 Oct 08:08
Minicoy UTC	INDIA	8.30N 73.05E	0.61m	25 Oct 08:13

Visakhapatnam UTC	INDIA	17.70N	83.28E	0.57m	25 Oct 08:36
Davao UTC	PHILIPPINES	7.10N	125.63E	0.07m	25 Oct 09:04
Cochin UTC	INDIA	10.00N	76.17E	0.29m	25 Oct 09:19
Sittwe UTC	MYANMAR	20.00N	92.83E	0.17m	25 Oct 09:21
Deep Ocean Buoy 23401 UTC	BAY OF BENGA	8.86N	88.56E	0.04m	25 Oct 09:28
Langkawi UTC	MALAYSIA	6.50N	99.83E	0.05m	25 Oct 09:31
Portland. UTC	AUSTRALIA	38.30S	141.61E	0.36m	25 Oct 09:33
Blue Bay UTC	MAURITIUS	20.50S	57.67E	1.28m	25 Oct 09:35

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					
NINGALOO COAST		0404Z	25Oct2023	28.25m	
PILBARA COAST WEST		0406Z	25Oct2023	6.98m	
WEST KIMBERLY COAST		0418Z	25Oct2023	2.72m	
PILBARA COAST EAST		0424Z	25Oct2023	3.41m	
GASCOYNE COAST		0450Z	25Oct2023	7.85m	
NORTH KIMBERLY COAST		0456Z	25Oct2023	1.33m	
GERALDTON COAST		0508Z	25Oct2023	2.56m	
LANCELIN COAST		0534Z	25Oct2023	1.01m	
PERTH COAST		0542Z	25Oct2023	1.15m	
BUNBURY GEOGRAPHE COAST		0600Z	25Oct2023	1.59m	
LEEUEWIN COAST		0614Z	25Oct2023	1.18m	
ALBANY COAST		0720Z	25Oct2023	1.00m	
HEARD ISLAND AND MCDONALD ISLANDS		1038Z	25Oct2023	7.25m	
AURORA BANK		1054Z	25Oct2023	3.93m	
WEST COAST VIC		2024Z	25Oct2023	0.57m	
CENTRAL WEST COAST TAS		0154Z	26Oct2023	0.65m	

FRANCE



ILE SAINT-PAUL-NORTH	0800Z	25Oct2023	1.41m
ILE SAINT-PAUL-SOUTH	0808Z	25Oct2023	1.40m
SAINT-JOSEPH	0952Z	25Oct2023	1.11m
ILE KERGUELEN	1022Z	25Oct2023	2.79m
SAINT-DENIS	1038Z	25Oct2023	0.63m
ILE DE LA POSSESSION	1152Z	25Oct2023	1.07m
CROZET PLATEAU	1200Z	25Oct2023	2.37m
NES CROZET	1210Z	25Oct2023	1.27m

INDIA

MARAKKANAM	1104Z	25Oct2023	0.57m
MACHILIPATNAM	1236Z	25Oct2023	0.79m
KOTTAPATNAM	1258Z	25Oct2023	0.56m
ALLEPPEY ALAPPUZHA	1300Z	25Oct2023	0.84m
NIJAMPATTANAM	1300Z	25Oct2023	0.51m
CUDDALORE	1314Z	25Oct2023	0.87m
CHENNAI	1314Z	25Oct2023	0.96m
MAHABALIPURAM	1314Z	25Oct2023	0.96m
PUDUCHERRY	1316Z	25Oct2023	0.58m
POOMBUHAR	1326Z	25Oct2023	0.80m
KANYAKUMARI	1330Z	25Oct2023	1.15m
TRIVANDRUM	1330Z	25Oct2023	0.57m
SRIHARIKOTA	1332Z	25Oct2023	1.09m
QUILON	1346Z	25Oct2023	0.55m
KOODANKULAM	1400Z	25Oct2023	1.15m
NAGAPATTINAM	1412Z	25Oct2023	0.72m
VAKKAD	1428Z	25Oct2023	0.53m
ENNORE	1430Z	25Oct2023	1.41m
BEYPORE	1436Z	25Oct2023	0.52m
MAHE	1444Z	25Oct2023	0.53m
KANNUR	1446Z	25Oct2023	0.57m
KASARAGOD	1446Z	25Oct2023	0.51m
KARAIKAL	1502Z	25Oct2023	0.69m
NORTH SENTINEL ISLAND	1638Z	25Oct2023	0.59m
KARWAR	2010Z	25Oct2023	0.51m
VASCO	2116Z	25Oct2023	0.57m
KOMATRA & KATCHAL ISLAND	2140Z	25Oct2023	0.55m

INDONESIA

NTB LOMBOK-TENGAH	0218Z	25Oct2023	23.63m
NTB LOMBOK-TIMUR S	0218Z	25Oct2023	19.75m
JATIM TRENGGALEK	0220Z	25Oct2023	17.61m
NTB SUMBAWA S	0220Z	25Oct2023	8.85m
JATIM MALANG	0222Z	25Oct2023	16.04m
JATIM JEMBER	0222Z	25Oct2023	20.03m
JATIM JEMBER P.NUSABARUNG	0222Z	25Oct2023	21.79m
NTT SUMBA B	0222Z	25Oct2023	4.36m
JABAR TASIKMALAYA	0224Z	25Oct2023	4.66m
JATENG KEBUMEN	0224Z	25Oct2023	9.93m
JATENG PURWOREJO	0224Z	25Oct2023	11.20m
NTB DOMPU S	0224Z	25Oct2023	6.22m
JATIM BLITAR	0226Z	25Oct2023	12.40m
NTT SUMBA T	0226Z	25Oct2023	3.58m
JATIM PACITAN	0226Z	25Oct2023	16.18m
JABAR GARUT	0228Z	25Oct2023	4.14m
DIY GUNUNG-KIDUL	0228Z	25Oct2023	18.52m
JATENG WONOGIRI	0228Z	25Oct2023	18.52m
NTB KOTA-BIMA S	0228Z	25Oct2023	4.18m
JABAR CIANJUR SINDANGBARANG	0230Z	25Oct2023	4.38m
DIY KULON-PROGO	0230Z	25Oct2023	9.64m
JATIM TULUNGAGUNG	0230Z	25Oct2023	6.93m

DIY BANTUL	0230Z	25Oct2023	15.47m
JABAR CIAMIS	0234Z	25Oct2023	3.54m
JATIM LUMAJANG	0234Z	25Oct2023	10.09m
JABAR SUKABUMI UJUNG-GENTENG	0236Z	25Oct2023	4.62m
JATENG CILACAP	0240Z	25Oct2023	4.84m
NTT MANGGARAI-BARAT P.	0240Z	25Oct2023	2.36m
BANTEN LEBAK	0246Z	25Oct2023	2.32m
JABAR SUKABUMI PELABUHAN-RATU	0246Z	25Oct2023	9.24m
BANTEN PANDEGLANG S	0246Z	25Oct2023	3.18m
NTT MANGGARAI-BARAT S	0250Z	25Oct2023	2.04m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0322Z	25Oct2023	1.15m
BENGKULU BENGKULU-UTARA P.ENGGANO	0324Z	25Oct2023	1.11m
BENGKULU BENGKULU-SELATAN	0344Z	25Oct2023	1.16m
BENGKULU SELUMA	0346Z	25Oct2023	1.76m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0420Z	25Oct2023	1.12m
BENGKULU BENGKULU-UTARA S	0426Z	25Oct2023	1.26m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0656Z	25Oct2023	0.79m
SUMUT MANDAILING-NATAL S	0824Z	25Oct2023	0.67m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0916Z	25Oct2023	0.64m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0930Z	25Oct2023	1.06m
SUMUT NIAS-SELATAN P.TANABALA	0948Z	25Oct2023	0.79m
NIAS-EAST	1004Z	25Oct2023	0.76m
SUMUT NIAS-SELATAN P.NIAS	1006Z	25Oct2023	0.69m
NAD SIMEULUE P.SIMEULUE	1034Z	25Oct2023	0.85m
SUMBAR KOTA-PADANG U	1042Z	25Oct2023	0.61m
SUMUT NIAS B	1056Z	25Oct2023	0.76m
SUMBAR PESISIR-SELATAN S	1112Z	25Oct2023	0.56m
SUMUT MANDAILING-NATAL U	1118Z	25Oct2023	0.63m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1128Z	25Oct2023	0.53m
NAD NAGAN-RAYA	1202Z	25Oct2023	0.60m
NAD ACEH-BARAT-DAYA	1206Z	25Oct2023	0.58m
NAD ACEH-JAYA	1210Z	25Oct2023	0.52m
SUMUT TAPANULI-TENGAH S	1600Z	25Oct2023	0.54m
SUMUT TAPANULI-SELATAN	1600Z	25Oct2023	0.54m

KENYA

KIWAYU 1748Z 25Oct2023 0.75m

MADAGASCAR

TOAMASINA AIRPORT	1052Z	25Oct2023	1.21m
AMBAHY	1056Z	25Oct2023	1.68m
FARAFAGANA	1104Z	25Oct2023	0.93m
TAMPOLO	1106Z	25Oct2023	1.84m
VOHEMAR	1132Z	25Oct2023	1.15m
MANANTENINA	1224Z	25Oct2023	0.81m
ANOROTSANGANA	1326Z	25Oct2023	0.71m
ANDROKA	1352Z	25Oct2023	0.80m
SAMPONA	1416Z	25Oct2023	0.65m

MALDIVES

DHIYAMIGILI	0918Z	25Oct2023	0.59m
NILANDHOO	1026Z	25Oct2023	0.91m
FERIDHOO	1030Z	25Oct2023	0.66m
KOLHUFUSHI	1036Z	25Oct2023	0.53m
THINADHOO	1116Z	25Oct2023	0.77m
MALE	1200Z	25Oct2023	0.60m
KULHUDUFFUSHI	1208Z	25Oct2023	0.59m
GOIDHOO	2116Z	25Oct2023	0.54m

MAURITIUS

LA FERME 0842Z 25Oct2023 1.08m

GRANDE REVIERE SUD EST-EAST	0932Z	25Oct2023	1.19m
GRANDE REVIERE SUD EST-WEST	0950Z	25Oct2023	0.60m
CARGADOS CARAJOS	1048Z	25Oct2023	1.61m

MOZAMBIQUE

ZAVALA	1452Z	25Oct2023	0.96m
XAI-XAI	1456Z	25Oct2023	0.84m
MAPUTO	1558Z	25Oct2023	0.55m
MALUANA	1632Z	25Oct2023	0.59m
INHARRIME	2032Z	25Oct2023	0.64m

OMAN

HASIK	1402Z	25Oct2023	0.51m
TAQAH	1408Z	25Oct2023	0.65m
SALALAH	1410Z	25Oct2023	0.60m
MIRBAT	1434Z	25Oct2023	0.51m
MUSCAT	2332Z	25Oct2023	0.57m

SEYCHELLES

TAKAMAKA	1354Z	25Oct2023	0.86m
FREGATE ISLAND	1416Z	25Oct2023	0.67m

SOMALIA

JARIIBAN	1358Z	25Oct2023	0.69m
JILIB	1438Z	25Oct2023	0.58m
MAREEG	1516Z	25Oct2023	0.51m
ITALA	1518Z	25Oct2023	0.51m
BANDER-BEYLA	1520Z	25Oct2023	0.66m
EYL	1522Z	25Oct2023	0.62m
XARARDHEERE	1530Z	25Oct2023	0.57m
GALDOGOB	1530Z	25Oct2023	0.73m

SOUTH AFRICA

FUNK SEAMOUNT	1320Z	25Oct2023	1.14m
MARGATE	1410Z	25Oct2023	1.84m
BIZANA	1410Z	25Oct2023	1.05m
PORT ELIZABETH	1414Z	25Oct2023	0.74m
BATHURST	1414Z	25Oct2023	0.74m
ELLIOTDALE	1414Z	25Oct2023	0.74m
PORT ST JOHNS	1414Z	25Oct2023	0.74m
LUSIKISIKI	1414Z	25Oct2023	0.74m
HANKEY	1414Z	25Oct2023	0.74m
ZIKHOVA	1414Z	25Oct2023	0.74m
GAMTOOS	1414Z	25Oct2023	0.74m
GEORGE	1414Z	25Oct2023	0.74m
WITAAND	1414Z	25Oct2023	0.74m
NGQUELENI	1414Z	25Oct2023	0.74m
HEIDELBERG	1414Z	25Oct2023	0.74m
KAYSER'S BEACH	1414Z	25Oct2023	0.74m
BREDASDORP	1414Z	25Oct2023	0.74m
WILLOWVALE	1414Z	25Oct2023	0.74m
KENTANI	1414Z	25Oct2023	0.74m
MARSHSTRAND	1414Z	25Oct2023	0.74m
PEDDIE	1414Z	25Oct2023	0.74m
ALEXANDRIA	1414Z	25Oct2023	0.74m
HUMANSDORP	1414Z	25Oct2023	0.74m
MOSSEL	1414Z	25Oct2023	0.74m
KELSO	1418Z	25Oct2023	2.02m
LAKE SIBAYI	1432Z	25Oct2023	0.69m
PORT DURNFORD	1434Z	25Oct2023	0.88m
MANDI	1444Z	25Oct2023	1.21m

ABORETUM 1446Z 25Oct2023 1.47m  
KOSIMEER 1546Z 25Oct2023 0.84m

SRI LANKA

HAMBANTOTA 1026Z 25Oct2023 0.77m  
GALLE 1028Z 25Oct2023 0.62m  
MATARA 1028Z 25Oct2023 0.62m  
AKKARAI PATTU 1108Z 25Oct2023 0.59m  
OKANDA 1108Z 25Oct2023 0.56m  
BATTICALOA 1114Z 25Oct2023 0.55m  
MORATUWA 1136Z 25Oct2023 1.22m  
NEGOMBO 1136Z 25Oct2023 0.58m  
MULLAITTIVU 1140Z 25Oct2023 0.79m  
POTTUVIL 1206Z 25Oct2023 0.50m  
TANGALLE 1206Z 25Oct2023 0.79m  
KATTANKUDI 1222Z 25Oct2023 0.55m  
PANKULAM 1234Z 25Oct2023 0.50m  
CHUNDIKKULAM 1244Z 25Oct2023 0.60m  
AMBALANGODA 1316Z 25Oct2023 0.61m  
BERUWALA 1324Z 25Oct2023 0.60m  
COLOMBO 1326Z 25Oct2023 0.60m

TANZANIA

MADANGWA 1632Z 25Oct2023 0.51m

UNITED KINGDOM

DIEGO GARCIA 0836Z 25Oct2023 0.74m  
NW EGMONT ISLAND 0958Z 25Oct2023 0.58m

YEMEN

SOCOTRA ISLAND SOUTH 1322Z 25Oct2023 0.78m  
AL GHAYDAH AIRPORT 1604Z 25Oct2023 0.53m

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 13

IDY68501  
#####  
#  
# TEST TEST TEST - EXERCISE IOWAVE23 - NOT A REAL TSUNAMI EVENT  
#  
#####

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TSUNAMI BULLETIN NUMBER 13 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)  
ISSUED AT 1050 UTC Wednesday 25 October 2023  
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... 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: 9.1 Mwp  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

Benoa UTC	INDONESIA	8.83S 115.33E	11.79m	25 Oct 02:26
Christmas Is UTC	AUSTRALIA	10.40S 105.67E	1.14m	25 Oct 02:30
Deep Ocean Buoy 56001 UTC	INDIAN OCEAN	14.02S 109.94E	2.28m	25 Oct 02:36
Deep Ocean Buoy 56003 UTC	INDIAN OCEAN	15.02S 117.94E	1.04m	25 Oct 02:36
Prigi UTC	INDONESIA	8.33S 111.83E	9.06m	25 Oct 02:36
Sadeng UTC	INDONESIA	8.33S 110.83E	17.60m	25 Oct 02:40
Waikelo UTC	INDONESIA	9.40S 119.22E	5.25m	25 Oct 02:47
Lembar UTC	INDONESIA	8.70S 116.07E	7.88m	25 Oct 02:48
Cilacap UTC	INDONESIA	7.80S 109.00E	11.52m	25 Oct 02:51
Pangandaran UTC	INDONESIA	7.83S 108.50E	9.01m	25 Oct 02:54
Rote UTC	INDONESIA	10.70S 123.06E	0.88m	25 Oct 03:18
Enggano UTC	INDONESIA	5.30S 102.28E	2.42m	25 Oct 03:35

Tanjung Lesung UTC	INDONESIA	6.50S 105.50E	1.98m	25 Oct 03:42
Cocos Island. UTC	AUSTRALIA	12.10S 96.89E	0.66m	25 Oct 03:46
Marina Jambu UTC	INDONESIA	6.19S 105.83E	1.48m	25 Oct 03:52
Point Murat UTC	AUSTRALIA	21.80S 114.19E	18.01m	25 Oct 04:23
Seblat UTC	INDONESIA	3.17S 101.50E	1.68m	25 Oct 04:27
Telukdalam UTC	INDONESIA	0.50N 97.83E	1.04m	25 Oct 04:42
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S 113.40E	6.87m	25 Oct 04:46
Ambon UTC	INDONESIA	3.70S 128.18E	1.67m	25 Oct 05:03
Padang UTC	INDONESIA	1.00S 100.37E	0.44m	25 Oct 05:09
Broome. UTC	AUSTRALIA	18.00S 122.22E	1.04m	25 Oct 05:42
Port Hedland(Offshore) UTC	AUSTRALIA	20.00S 118.42E	2.02m	25 Oct 05:56
Hillarys Harbor UTC	AUSTRALIA	31.80S 115.74E	1.94m	25 Oct 06:01
Meulaboh UTC	INDONESIA	4.17N 96.00E	0.40m	25 Oct 06:03
Saumlaki UTC	INDONESIA	8.00S 131.29E	0.08m	25 Oct 06:05
Sabang UTC	INDONESIA	5.80N 95.33E	0.16m	25 Oct 06:17
Sibolga UTC	INDONESIA	1.67N 98.67E	0.34m	25 Oct 06:35
Nancowry UTC	INDIA	8.10N 93.55E	0.22m	25 Oct 06:37
Kirinda UTC	SRI LANKA	6.20N 81.32E	1.96m	25 Oct 07:02
Trincomalee UTC	SRI LANKA	8.67N 81.33E	0.69m	25 Oct 07:10
Port Blair UTC	INDIA	11.70N 92.76E	0.13m	25 Oct 07:10
Diego Garcia UTC	UK	7.20S 72.43E	1.27m	25 Oct 07:13
Gan UTC	MALDIVES	0.70S 73.15E	0.88m	25 Oct 07:20
Colombo UTC	SRI LANKA	7.00N 79.85E	0.82m	25 Oct 07:31
Male UTC	MALDIVES	4.20N 73.53E	1.24m	25 Oct 07:39
Ko Taphao Noi UTC	THAILAND	7.80N 98.42E	0.13m	25 Oct 07:55
Esperance. UTC	AUSTRALIA	33.83S 122.00E	0.30m	25 Oct 08:01
Hanimadhoo UTC	MALDIVES	6.80N 73.17E	0.77m	25 Oct 08:04
Chennai UTC	INDIA	13.10N 80.30E	0.51m	25 Oct 08:08
Minicoy UTC	INDIA	8.30N 73.05E	0.61m	25 Oct 08:13
Visakhapatnam UTC	INDIA	17.70N 83.28E	0.57m	25 Oct 08:36

Davao UTC	PHILIPPINES	7.10N 125.63E	0.07m	25 Oct 09:04
Cochin UTC	INDIA	10.00N 76.17E	0.29m	25 Oct 09:19
Sittwe UTC	MYANMAR	20.00N 92.83E	0.17m	25 Oct 09:21
Deep Ocean Buoy 23401 UTC	BAY OF BENGA	8.86N 88.56E	0.04m	25 Oct 09:28
Langkawi UTC	MALAYSIA	6.50N 99.83E	0.05m	25 Oct 09:31
Portland. UTC	AUSTRALIA	38.30S 141.61E	0.36m	25 Oct 09:33
Blue Bay UTC	MAURITIUS	20.50S 57.67E	1.28m	25 Oct 09:35
Pt Louis UTC	MAURITIUS	20.17S 57.33E	1.06m	25 Oct 09:49
Sainte Marie UTC	REUNION	20.90S 55.54E	1.35m	25 Oct 09:56
Agalega UTC	MAURITIUS	10.30S 56.59E	0.32m	25 Oct 10:01
Denis Island UTC	SEYCHELLES	3.80S 55.67E	0.24m	25 Oct 10:05
Darwin. UTC	AUSTRALIA	12.50S 130.85E	0.35m	25 Oct 10:34
Thevenard UTC	AUSTRALIA	32.10S 133.64E	0.22m	25 Oct 10:40
Geraldton. UTC	AUSTRALIA	28.80S 114.57E	1.14m	25 Oct 10:42

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			
NINGALOO COAST	0404Z	25Oct2023	28.25m
PILBARA COAST WEST	0406Z	25Oct2023	6.98m
WEST KIMBERLY COAST	0418Z	25Oct2023	2.72m
PILBARA COAST EAST	0424Z	25Oct2023	3.41m
GASCOYNE COAST	0450Z	25Oct2023	7.85m
NORTH KIMBERLY COAST	0456Z	25Oct2023	1.33m

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GERALDTON COAST	0508Z	25Oct2023	2.56m
LANCELIN COAST	0534Z	25Oct2023	1.01m
PERTH COAST	0542Z	25Oct2023	1.15m
BUNBURY GEOGRAPHE COAST	0600Z	25Oct2023	1.59m
LEEUVIN COAST	0614Z	25Oct2023	1.18m
ALBANY COAST	0720Z	25Oct2023	1.00m
HEARD ISLAND AND MCDONALD ISLANDS	1038Z	25Oct2023	7.25m
AURORA BANK	1054Z	25Oct2023	3.93m
WEST COAST VIC	2024Z	25Oct2023	0.57m
CENTRAL WEST COAST TAS	0154Z	26Oct2023	0.65m

FRANCE

ILE SAINT-PAUL-NORTH	0800Z	25Oct2023	1.41m
ILE SAINT-PAUL-SOUTH	0808Z	25Oct2023	1.40m
SAINT-JOSEPH	0952Z	25Oct2023	1.11m
ILE KERGUELEN	1022Z	25Oct2023	2.79m
SAINT-DENIS	1038Z	25Oct2023	0.63m
ILE DE LA POSSESSION	1152Z	25Oct2023	1.07m
CROZET PLATEAU	1200Z	25Oct2023	2.37m
NES CROZET	1210Z	25Oct2023	1.27m

INDIA

MARAKKANAM	1104Z	25Oct2023	0.57m
MACHILIPATNAM	1236Z	25Oct2023	0.79m
KOTTAPATNAM	1258Z	25Oct2023	0.56m
ALLEPPEY ALAPPUZHA	1300Z	25Oct2023	0.84m
NIJAMPATTANAM	1300Z	25Oct2023	0.51m
CUDDALORE	1314Z	25Oct2023	0.87m
CHENNAI	1314Z	25Oct2023	0.96m
MAHABALIPURAM	1314Z	25Oct2023	0.96m
PUDUCHERRY	1316Z	25Oct2023	0.58m
POOMBUHAR	1326Z	25Oct2023	0.80m
KANYAKUMARI	1330Z	25Oct2023	1.15m
TRIVANDRUM	1330Z	25Oct2023	0.57m
SRIHARIKOTA	1332Z	25Oct2023	1.09m
QUILON	1346Z	25Oct2023	0.55m
KOODANKULAM	1400Z	25Oct2023	1.15m
NAGAPATTINAM	1412Z	25Oct2023	0.72m
VAKKAD	1428Z	25Oct2023	0.53m
ENNORE	1430Z	25Oct2023	1.41m
BEYPORE	1436Z	25Oct2023	0.52m
MAHE	1444Z	25Oct2023	0.53m
KANNUR	1446Z	25Oct2023	0.57m
KASARAGOD	1446Z	25Oct2023	0.51m
KARAIKAL	1502Z	25Oct2023	0.69m
NORTH SENTINEL ISLAND	1638Z	25Oct2023	0.59m
KARWAR	2010Z	25Oct2023	0.51m
VASCO	2116Z	25Oct2023	0.57m
KOMATRA & KATCHAL ISLAND	2140Z	25Oct2023	0.55m

INDONESIA

NTB LOMBOK-TENGAH	0218Z	25Oct2023	23.63m
NTB LOMBOK-TIMUR S	0218Z	25Oct2023	19.75m
JATIM TRENGGALEK	0220Z	25Oct2023	17.61m
NTB SUMBAWA S	0220Z	25Oct2023	8.85m
JATIM MALANG	0222Z	25Oct2023	16.04m
JATIM JEMBER	0222Z	25Oct2023	20.03m
JATIM JEMBER P.NUSABARUNG	0222Z	25Oct2023	21.79m
NTT SUMBA B	0222Z	25Oct2023	4.36m
JABAR TASIKMALAYA	0224Z	25Oct2023	4.66m
JATENG KEBUMEN	0224Z	25Oct2023	9.93m



JATENG PURWOREJO	0224Z	25Oct2023	11.20m
NTB DOMPU S	0224Z	25Oct2023	6.22m
JATIM BLITAR	0226Z	25Oct2023	12.40m
NTT SUMBA T	0226Z	25Oct2023	3.58m
JATIM PACITAN	0226Z	25Oct2023	16.18m
JABAR GARUT	0228Z	25Oct2023	4.14m
DIY GUNUNG-KIDUL	0228Z	25Oct2023	18.52m
JATENG WONOGIRI	0228Z	25Oct2023	18.52m
NTB KOTA-BIMA S	0228Z	25Oct2023	4.18m
JABAR CIANJUR SINDANGBARANG	0230Z	25Oct2023	4.38m
DIY KULON-PROGO	0230Z	25Oct2023	9.64m
JATIM TULUNGAGUNG	0230Z	25Oct2023	6.93m
DIY BANTUL	0230Z	25Oct2023	15.47m
JABAR CIAMIS	0234Z	25Oct2023	3.54m
JATIM LUMAJANG	0234Z	25Oct2023	10.09m
JABAR SUKABUMI UJUNG-GENTENG	0236Z	25Oct2023	4.62m
JATENG CILACAP	0240Z	25Oct2023	4.84m
NTT MANGGARAI-BARAT P.	0240Z	25Oct2023	2.36m
BANTEN LEBAK	0246Z	25Oct2023	2.32m
JABAR SUKABUMI PELABUHAN-RATU	0246Z	25Oct2023	9.24m
BANTEN PANDEGLANG S	0246Z	25Oct2023	3.18m
NTT MANGGARAI-BARAT S	0250Z	25Oct2023	2.04m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0322Z	25Oct2023	1.15m
BENGKULU BENGKULU-UTARA P.ENGGANO	0324Z	25Oct2023	1.11m
BENGKULU BENGKULU-SELATAN	0344Z	25Oct2023	1.16m
BENGKULU SELUMA	0346Z	25Oct2023	1.76m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0420Z	25Oct2023	1.12m
BENGKULU BENGKULU-UTARA S	0426Z	25Oct2023	1.26m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0656Z	25Oct2023	0.79m
SUMUT MANDAILING-NATAL S	0824Z	25Oct2023	0.67m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0916Z	25Oct2023	0.64m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0930Z	25Oct2023	1.06m
SUMUT NIAS-SELATAN P.TANABALA	0948Z	25Oct2023	0.79m
NIAS-EAST	1004Z	25Oct2023	0.76m
SUMUT NIAS-SELATAN P.NIAS	1006Z	25Oct2023	0.69m
NAD SIMEULUE P.SIMEULUE	1034Z	25Oct2023	0.85m
SUMBAR KOTA-PADANG U	1042Z	25Oct2023	0.61m
SUMUT NIAS B	1056Z	25Oct2023	0.76m
SUMBAR PESISIR-SELATAN S	1112Z	25Oct2023	0.56m
SUMUT MANDAILING-NATAL U	1118Z	25Oct2023	0.63m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1128Z	25Oct2023	0.53m
NAD NAGAN-RAYA	1202Z	25Oct2023	0.60m
NAD ACEH-BARAT-DAYA	1206Z	25Oct2023	0.58m
NAD ACEH-JAYA	1210Z	25Oct2023	0.52m
SUMUT TAPANULI-TENGAH S	1600Z	25Oct2023	0.54m
SUMUT TAPANULI-SELATAN	1600Z	25Oct2023	0.54m

KENYA

KIWAYU 1748Z 25Oct2023 0.75m

MADAGASCAR

TOAMASINA AIRPORT	1052Z	25Oct2023	1.21m
AMBAHY	1056Z	25Oct2023	1.68m
FARAFAGANA	1104Z	25Oct2023	0.93m
TAMPOLO	1106Z	25Oct2023	1.84m
VOHEMAR	1132Z	25Oct2023	1.15m
MANANTENINA	1224Z	25Oct2023	0.81m
ANOROTSANGANA	1326Z	25Oct2023	0.71m
ANDROKA	1352Z	25Oct2023	0.80m
SAMPONA	1416Z	25Oct2023	0.65m

MALDIVES

DHIYAMIGILI	0918Z	25Oct2023	0.59m
NILANDHOO	1026Z	25Oct2023	0.91m
FERIDHOO	1030Z	25Oct2023	0.66m
KOLHUFUSHI	1036Z	25Oct2023	0.53m
THINADHOO	1116Z	25Oct2023	0.77m
MALE	1200Z	25Oct2023	0.60m
KULHUDUFFUSHI	1208Z	25Oct2023	0.59m
GOIDHOO	2116Z	25Oct2023	0.54m

MAURITIUS

LA FERME	0842Z	25Oct2023	1.08m
GRANDE REVIERE SUD EST-EAST	0932Z	25Oct2023	1.19m
GRANDE REVIERE SUD EST-WEST	0950Z	25Oct2023	0.60m
CARGADOS CARAJOS	1048Z	25Oct2023	1.61m

MOZAMBIQUE

ZAVALA	1452Z	25Oct2023	0.96m
XAI-XAI	1456Z	25Oct2023	0.84m
MAPUTO	1558Z	25Oct2023	0.55m
MALUANA	1632Z	25Oct2023	0.59m
INHARRIME	2032Z	25Oct2023	0.64m

OMAN

HASIK	1402Z	25Oct2023	0.51m
TAQAH	1408Z	25Oct2023	0.65m
SALALAH	1410Z	25Oct2023	0.60m
MIRBAT	1434Z	25Oct2023	0.51m
MUSCAT	2332Z	25Oct2023	0.57m

SEYCHELLES

TAKAMAKA	1354Z	25Oct2023	0.86m
FREGATE ISLAND	1416Z	25Oct2023	0.67m

SOMALIA

JARIIBAN	1358Z	25Oct2023	0.69m
JILIB	1438Z	25Oct2023	0.58m
MAREEG	1516Z	25Oct2023	0.51m
ITALA	1518Z	25Oct2023	0.51m
BANDER-BEYLA	1520Z	25Oct2023	0.66m
EYL	1522Z	25Oct2023	0.62m
XARARDHEERE	1530Z	25Oct2023	0.57m
GALDOGOB	1530Z	25Oct2023	0.73m

SOUTH AFRICA

FUNK SEAMOUNT	1320Z	25Oct2023	1.14m
MARGATE	1410Z	25Oct2023	1.84m
BIZANA	1410Z	25Oct2023	1.05m
PORT ELIZABETH	1414Z	25Oct2023	0.74m
BATHURST	1414Z	25Oct2023	0.74m
ELLIOTDALE	1414Z	25Oct2023	0.74m
PORT ST JOHNS	1414Z	25Oct2023	0.74m
LUSIKISIKI	1414Z	25Oct2023	0.74m
HANKEY	1414Z	25Oct2023	0.74m
ZIKHOVA	1414Z	25Oct2023	0.74m
GAMTOOS	1414Z	25Oct2023	0.74m
GEORGE	1414Z	25Oct2023	0.74m
WITAAND	1414Z	25Oct2023	0.74m
NGQUELENI	1414Z	25Oct2023	0.74m
HEIDELBERG	1414Z	25Oct2023	0.74m
KAYSER'S BEACH	1414Z	25Oct2023	0.74m

BREDASDORP	1414Z	25Oct2023	0.74m
WILLOWVALE	1414Z	25Oct2023	0.74m
KENTANI	1414Z	25Oct2023	0.74m
MARSHSTRAND	1414Z	25Oct2023	0.74m
PEDDIE	1414Z	25Oct2023	0.74m
ALEXANDRIA	1414Z	25Oct2023	0.74m
HUMANSDORP	1414Z	25Oct2023	0.74m
MOSSEL	1414Z	25Oct2023	0.74m
KELSO	1418Z	25Oct2023	2.02m
LAKE SIBAYI	1432Z	25Oct2023	0.69m
PORT DURNFORD	1434Z	25Oct2023	0.88m
MANDI	1444Z	25Oct2023	1.21m
ABORETUM	1446Z	25Oct2023	1.47m
KOSIMEER	1546Z	25Oct2023	0.84m

SRI LANKA

HAMBANTOTA	1026Z	25Oct2023	0.77m
GALLE	1028Z	25Oct2023	0.62m
MATARA	1028Z	25Oct2023	0.62m
AKKARAI Pattu	1108Z	25Oct2023	0.59m
OKANDA	1108Z	25Oct2023	0.56m
BATTICALOA	1114Z	25Oct2023	0.55m
MORATUWA	1136Z	25Oct2023	1.22m
NEGOMBO	1136Z	25Oct2023	0.58m
MULLAITTIVU	1140Z	25Oct2023	0.79m
POTTUVIL	1206Z	25Oct2023	0.50m
TANGALLE	1206Z	25Oct2023	0.79m
KATTANKUDI	1222Z	25Oct2023	0.55m
PANKULAM	1234Z	25Oct2023	0.50m
CHUNDIKKULAM	1244Z	25Oct2023	0.60m
AMBALANGODA	1316Z	25Oct2023	0.61m
BERUWALA	1324Z	25Oct2023	0.60m
COLOMBO	1326Z	25Oct2023	0.60m

TANZANIA

MADANGWA	1632Z	25Oct2023	0.51m
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UNITED KINGDOM

DIEGO GARCIA	0836Z	25Oct2023	0.74m
NW EGMONT ISLAND	0958Z	25Oct2023	0.58m

YEMEN

SOCOTRA ISLAND SOUTH	1322Z	25Oct2023	0.78m
AL GHAYDAH AIRPORT	1604Z	25Oct2023	0.53m

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  
#  
#####

# BULLETIN 14

IDY68501

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TSUNAMI BULLETIN NUMBER 14 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)  
ISSUED AT 1150 UTC Wednesday 25 October 2023  
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... 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: 9.1 Mwp  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

Benoa UTC	INDONESIA	8.83S 115.33E	11.79m	25 Oct 02:26
Christmas Is UTC	AUSTRALIA	10.40S 105.67E	1.14m	25 Oct 02:30
Deep Ocean Buoy 56001 UTC	INDIAN OCEAN	14.02S 109.94E	2.28m	25 Oct 02:36
Deep Ocean Buoy 56003 UTC	INDIAN OCEAN	15.02S 117.94E	1.04m	25 Oct 02:36
Prigi UTC	INDONESIA	8.33S 111.83E	9.06m	25 Oct 02:36
Sadeng UTC	INDONESIA	8.33S 110.83E	17.60m	25 Oct 02:40
Waikelo UTC	INDONESIA	9.40S 119.22E	5.25m	25 Oct 02:47
Lembar UTC	INDONESIA	8.70S 116.07E	7.88m	25 Oct 02:48
Cilacap UTC	INDONESIA	7.80S 109.00E	11.52m	25 Oct 02:51
Pangandaran UTC	INDONESIA	7.83S 108.50E	9.01m	25 Oct 02:54
Rote UTC	INDONESIA	10.70S 123.06E	0.88m	25 Oct 03:18
Enggano UTC	INDONESIA	5.30S 102.28E	2.42m	25 Oct 03:35
Tanjung Lesung UTC	INDONESIA	6.50S 105.50E	1.98m	25 Oct 03:42
Cocos Island. UTC	AUSTRALIA	12.10S 96.89E	0.66m	25 Oct 03:46

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Marina Jambu UTC	INDONESIA	6.19S 105.83E	1.48m	25 Oct 03:52
Point Murat UTC	AUSTRALIA	21.80S 114.19E	18.01m	25 Oct 04:23
Seblat UTC	INDONESIA	3.17S 101.50E	1.68m	25 Oct 04:27
Telukdalam UTC	INDONESIA	0.50N 97.83E	1.04m	25 Oct 04:42
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S 113.40E	6.87m	25 Oct 04:46
Ambon UTC	INDONESIA	3.70S 128.18E	1.67m	25 Oct 05:03
Padang UTC	INDONESIA	1.00S 100.37E	0.44m	25 Oct 05:09
Broome. UTC	AUSTRALIA	18.00S 122.22E	1.04m	25 Oct 05:42
Port Hedland(Offshore) UTC	AUSTRALIA	20.00S 118.42E	2.02m	25 Oct 05:56
Hillarys Harbor UTC	AUSTRALIA	31.80S 115.74E	1.94m	25 Oct 06:01
Meulaboh UTC	INDONESIA	4.17N 96.00E	0.40m	25 Oct 06:03
Saumlaki UTC	INDONESIA	8.00S 131.29E	0.08m	25 Oct 06:05
Sabang UTC	INDONESIA	5.80N 95.33E	0.16m	25 Oct 06:17
Sibolga UTC	INDONESIA	1.67N 98.67E	0.34m	25 Oct 06:35
Nancowry UTC	INDIA	8.10N 93.55E	0.22m	25 Oct 06:37
Kirinda UTC	SRI LANKA	6.20N 81.32E	1.96m	25 Oct 07:02
Trincomalee UTC	SRI LANKA	8.67N 81.33E	0.69m	25 Oct 07:10
Port Blair UTC	INDIA	11.70N 92.76E	0.13m	25 Oct 07:10
Diego Garcia UTC	UK	7.20S 72.43E	1.27m	25 Oct 07:13
Gan UTC	MALDIVES	0.70S 73.15E	0.88m	25 Oct 07:20
Colombo UTC	SRI LANKA	7.00N 79.85E	0.82m	25 Oct 07:31
Male UTC	MALDIVES	4.20N 73.53E	1.24m	25 Oct 07:39
Ko Taphao Noi UTC	THAILAND	7.80N 98.42E	0.13m	25 Oct 07:55
Esperance. UTC	AUSTRALIA	33.83S 122.00E	0.30m	25 Oct 08:01
Hanimadhoo UTC	MALDIVES	6.80N 73.17E	0.77m	25 Oct 08:04
Chennai UTC	INDIA	13.10N 80.30E	0.51m	25 Oct 08:08
Minicoy UTC	INDIA	8.30N 73.05E	0.61m	25 Oct 08:13
Visakhapatnam UTC	INDIA	17.70N 83.28E	0.57m	25 Oct 08:36
Davao UTC	PHILIPPINES	7.10N 125.63E	0.07m	25 Oct 09:04
Cochin UTC	INDIA	10.00N 76.17E	0.29m	25 Oct 09:19

Sittwe UTC	MYANMAR	20.00N	92.83E	0.17m	25 Oct 09:21
Deep Ocean Buoy 23401 UTC	BAY OF BENGA	8.86N	88.56E	0.04m	25 Oct 09:28
Langkawi UTC	MALAYSIA	6.50N	99.83E	0.05m	25 Oct 09:31
Portland. UTC	AUSTRALIA	38.30S	141.61E	0.36m	25 Oct 09:33
Blue Bay UTC	MAURITIUS	20.50S	57.67E	1.28m	25 Oct 09:35
Pt Louis UTC	MAURITIUS	20.17S	57.33E	1.06m	25 Oct 09:49
Sainte Marie UTC	REUNION	20.90S	55.54E	1.35m	25 Oct 09:56
Agalega UTC	MAURITIUS	10.30S	56.59E	0.32m	25 Oct 10:01
Denis Island UTC	SEYCHELLES	3.80S	55.67E	0.24m	25 Oct 10:05
Darwin. UTC	AUSTRALIA	12.50S	130.85E	0.35m	25 Oct 10:34
Thevenard UTC	AUSTRALIA	32.10S	133.64E	0.22m	25 Oct 10:40
Geraldton. UTC	AUSTRALIA	28.80S	114.57E	1.14m	25 Oct 10:42
Battery Point UTC	AUSTRALIA	43.00S	147.33E	0.13m	25 Oct 10:50
Deep Ocean Buoy 55015 UTC	TASMAN SEA 1	46.83S	160.26E	0.02m	25 Oct 11:10
Masirah UTC	OMAN	20.70N	58.87E	0.12m	25 Oct 11:22
Stony Point UTC	AUSTRALIA	38.50S	145.17E	0.13m	25 Oct 11:34
Toamasina UTC	MADAGASCAR	18.20S	49.43E	0.92m	25 Oct 11:34

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

NINGALOO COAST	0404Z	25Oct2023	28.25m
PILBARA COAST WEST	0406Z	25Oct2023	6.98m
WEST KIMBERLY COAST	0418Z	25Oct2023	2.72m
PILBARA COAST EAST	0424Z	25Oct2023	3.41m
GASCOYNE COAST	0450Z	25Oct2023	7.85m
NORTH KIMBERLY COAST	0456Z	25Oct2023	1.33m
GERALDTON COAST	0508Z	25Oct2023	2.56m
LANCELIN COAST	0534Z	25Oct2023	1.01m
PERTH COAST	0542Z	25Oct2023	1.15m
BUNBURY GEOGRAPHE COAST	0600Z	25Oct2023	1.59m
LEEUEWIN COAST	0614Z	25Oct2023	1.18m
ALBANY COAST	0720Z	25Oct2023	1.00m
HEARD ISLAND AND MCDONALD ISLANDS	1038Z	25Oct2023	7.25m
AURORA BANK	1054Z	25Oct2023	3.93m
WEST COAST VIC	2024Z	25Oct2023	0.57m
CENTRAL WEST COAST TAS	0154Z	26Oct2023	0.65m

FRANCE

ILE SAINT-PAUL-NORTH	0800Z	25Oct2023	1.41m
ILE SAINT-PAUL-SOUTH	0808Z	25Oct2023	1.40m
SAINT-JOSEPH	0952Z	25Oct2023	1.11m
ILE KERGUELEN	1022Z	25Oct2023	2.79m
SAINT-DENIS	1038Z	25Oct2023	0.63m
ILE DE LA POSSESSION	1152Z	25Oct2023	1.07m
CROZET PLATEAU	1200Z	25Oct2023	2.37m
NES CROZET	1210Z	25Oct2023	1.27m

INDIA

MARAKKANAM	1104Z	25Oct2023	0.57m
MACHILIPATNAM	1236Z	25Oct2023	0.79m
KOTTAPATNAM	1258Z	25Oct2023	0.56m
ALLEPPEY ALAPPUZHA	1300Z	25Oct2023	0.84m
NIJAMPATTANAM	1300Z	25Oct2023	0.51m
CUDDALORE	1314Z	25Oct2023	0.87m
CHENNAI	1314Z	25Oct2023	0.96m
MAHABALIPURAM	1314Z	25Oct2023	0.96m
PUDUCHERRY	1316Z	25Oct2023	0.58m
POOMBUHAR	1326Z	25Oct2023	0.80m
KANYAKUMARI	1330Z	25Oct2023	1.15m
TRIVANDRUM	1330Z	25Oct2023	0.57m
SRIHARIKOTA	1332Z	25Oct2023	1.09m
QUILON	1346Z	25Oct2023	0.55m
KOODANKULAM	1400Z	25Oct2023	1.15m
NAGAPATTINAM	1412Z	25Oct2023	0.72m
VAKKAD	1428Z	25Oct2023	0.53m
ENNORE	1430Z	25Oct2023	1.41m
BEYPORE	1436Z	25Oct2023	0.52m
MAHE	1444Z	25Oct2023	0.53m
KANNUR	1446Z	25Oct2023	0.57m
KASARAGOD	1446Z	25Oct2023	0.51m
KARAIKAL	1502Z	25Oct2023	0.69m
NORTH SENTINEL ISLAND	1638Z	25Oct2023	0.59m
KARWAR	2010Z	25Oct2023	0.51m
VASCO	2116Z	25Oct2023	0.57m
KOMATRA & KATCHAL ISLAND	2140Z	25Oct2023	0.55m

INDONESIA

NTB LOMBOK-TENGAH	0218Z	25Oct2023	23.63m
NTB LOMBOK-TIMUR S	0218Z	25Oct2023	19.75m
JATIM TRENGGALEK	0220Z	25Oct2023	17.61m
NTB SUMBAWA S	0220Z	25Oct2023	8.85m



JATIM MALANG	0222Z	25Oct2023	16.04m
JATIM JEMBER	0222Z	25Oct2023	20.03m
JATIM JEMBER P.NUSABARUNG	0222Z	25Oct2023	21.79m
NTT SUMBA B	0222Z	25Oct2023	4.36m
JABAR TASIKMALAYA	0224Z	25Oct2023	4.66m
JATENG KEBUMEN	0224Z	25Oct2023	9.93m
JATENG PURWOREJO	0224Z	25Oct2023	11.20m
NTB DOMPU S	0224Z	25Oct2023	6.22m
JATIM BLITAR	0226Z	25Oct2023	12.40m
NTT SUMBA T	0226Z	25Oct2023	3.58m
JATIM PACITAN	0226Z	25Oct2023	16.18m
JABAR GARUT	0228Z	25Oct2023	4.14m
DIY GUNUNG-KIDUL	0228Z	25Oct2023	18.52m
JATENG WONOGIRI	0228Z	25Oct2023	18.52m
NTB KOTA-BIMA S	0228Z	25Oct2023	4.18m
JABAR CIANJUR SINDANGBARANG	0230Z	25Oct2023	4.38m
DIY KULON-PROGO	0230Z	25Oct2023	9.64m
JATIM TULUNGAGUNG	0230Z	25Oct2023	6.93m
DIY BANTUL	0230Z	25Oct2023	15.47m
JABAR CIAMIS	0234Z	25Oct2023	3.54m
JATIM LUMAJANG	0234Z	25Oct2023	10.09m
JABAR SUKABUMI UJUNG-GENTENG	0236Z	25Oct2023	4.62m
JATENG CILACAP	0240Z	25Oct2023	4.84m
NTT MANGGARAI-BARAT P.	0240Z	25Oct2023	2.36m
BANTEN LEBAK	0246Z	25Oct2023	2.32m
JABAR SUKABUMI PELABUHAN-RATU	0246Z	25Oct2023	9.24m
BANTEN PANDEGLANG S	0246Z	25Oct2023	3.18m
NTT MANGGARAI-BARAT S	0250Z	25Oct2023	2.04m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0322Z	25Oct2023	1.15m
BENGKULU BENGKULU-UTARA P.ENGGANO	0324Z	25Oct2023	1.11m
BENGKULU BENGKULU-SELATAN	0344Z	25Oct2023	1.16m
BENGKULU SELUMA	0346Z	25Oct2023	1.76m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0420Z	25Oct2023	1.12m
BENGKULU BENGKULU-UTARA S	0426Z	25Oct2023	1.26m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0656Z	25Oct2023	0.79m
SUMUT MANDAILING-NATAL S	0824Z	25Oct2023	0.67m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0916Z	25Oct2023	0.64m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0930Z	25Oct2023	1.06m
SUMUT NIAS-SELATAN P.TANABALA	0948Z	25Oct2023	0.79m
NIAS-EAST	1004Z	25Oct2023	0.76m
SUMUT NIAS-SELATAN P.NIAS	1006Z	25Oct2023	0.69m
NAD SIMEULUE P.SIMEULUE	1034Z	25Oct2023	0.85m
SUMBAR KOTA-PADANG U	1042Z	25Oct2023	0.61m
SUMUT NIAS B	1056Z	25Oct2023	0.76m
SUMBAR PESISIR-SELATAN S	1112Z	25Oct2023	0.56m
SUMUT MANDAILING-NATAL U	1118Z	25Oct2023	0.63m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1128Z	25Oct2023	0.53m
NAD NAGAN-RAYA	1202Z	25Oct2023	0.60m
NAD ACEH-BARAT-DAYA	1206Z	25Oct2023	0.58m
NAD ACEH-JAYA	1210Z	25Oct2023	0.52m
SUMUT TAPANULI-TENGAH S	1600Z	25Oct2023	0.54m
SUMUT TAPANULI-SELATAN	1600Z	25Oct2023	0.54m

KENYA

KIWAYU 1748Z 25Oct2023 0.75m

MADAGASCAR

TOAMASINA AIRPORT	1052Z	25Oct2023	1.21m
AMBAHY	1056Z	25Oct2023	1.68m
FARAFAGANA	1104Z	25Oct2023	0.93m
TAMPOLO	1106Z	25Oct2023	1.84m

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VOHEMAR	1132Z	25Oct2023	1.15m
MANANTENINA	1224Z	25Oct2023	0.81m
ANOROTSANGANA	1326Z	25Oct2023	0.71m
ANDROKA	1352Z	25Oct2023	0.80m
SAMPONA	1416Z	25Oct2023	0.65m
MALDIVES			
DHIYAMIGILI	0918Z	25Oct2023	0.59m
NILANDHOO	1026Z	25Oct2023	0.91m
FERIDHOO	1030Z	25Oct2023	0.66m
KOLHUFUSHI	1036Z	25Oct2023	0.53m
THINADHOO	1116Z	25Oct2023	0.77m
MALE	1200Z	25Oct2023	0.60m
KULHUDUFFUSHI	1208Z	25Oct2023	0.59m
GOIDHOO	2116Z	25Oct2023	0.54m
MAURITIUS			
LA FERME	0842Z	25Oct2023	1.08m
GRANDE REVIERE SUD EST-EAST	0932Z	25Oct2023	1.19m
GRANDE REVIERE SUD EST-WEST	0950Z	25Oct2023	0.60m
CARGADOS CARAJOS	1048Z	25Oct2023	1.61m
MOZAMBIQUE			
ZAVALA	1452Z	25Oct2023	0.96m
XAI-XAI	1456Z	25Oct2023	0.84m
MAPUTO	1558Z	25Oct2023	0.55m
MALUANA	1632Z	25Oct2023	0.59m
INHARRIME	2032Z	25Oct2023	0.64m
OMAN			
HASIK	1402Z	25Oct2023	0.51m
TAQAH	1408Z	25Oct2023	0.65m
SALALAH	1410Z	25Oct2023	0.60m
MIRBAT	1434Z	25Oct2023	0.51m
MUSCAT	2332Z	25Oct2023	0.57m
SEYCHELLES			
TAKAMAKA	1354Z	25Oct2023	0.86m
FREGATE ISLAND	1416Z	25Oct2023	0.67m
SOMALIA			
JARIIBAN	1358Z	25Oct2023	0.69m
JILIB	1438Z	25Oct2023	0.58m
MAREEG	1516Z	25Oct2023	0.51m
ITALA	1518Z	25Oct2023	0.51m
BANDER-BEYLA	1520Z	25Oct2023	0.66m
EYL	1522Z	25Oct2023	0.62m
XARARDHEERE	1530Z	25Oct2023	0.57m
GALDOGOB	1530Z	25Oct2023	0.73m
SOUTH AFRICA			
FUNK SEAMOUNT	1320Z	25Oct2023	1.14m
MARGATE	1410Z	25Oct2023	1.84m
BIZANA	1410Z	25Oct2023	1.05m
PORT ELIZABETH	1414Z	25Oct2023	0.74m
BATHURST	1414Z	25Oct2023	0.74m
ELLIOTDALE	1414Z	25Oct2023	0.74m
PORT ST JOHNS	1414Z	25Oct2023	0.74m
LUSIKISIKI	1414Z	25Oct2023	0.74m
HANKEY	1414Z	25Oct2023	0.74m
ZIKHOVA	1414Z	25Oct2023	0.74m

GAMTOOS	1414Z	25Oct2023	0.74m
GEORGE	1414Z	25Oct2023	0.74m
WITAAND	1414Z	25Oct2023	0.74m
NGQUELENI	1414Z	25Oct2023	0.74m
HEIDELBERG	1414Z	25Oct2023	0.74m
KAYSER'S BEACH	1414Z	25Oct2023	0.74m
BREDASDORP	1414Z	25Oct2023	0.74m
WILLOWVALE	1414Z	25Oct2023	0.74m
KENTANI	1414Z	25Oct2023	0.74m
MARSHSTRAND	1414Z	25Oct2023	0.74m
PEDDIE	1414Z	25Oct2023	0.74m
ALEXANDRIA	1414Z	25Oct2023	0.74m
HUMANSDORP	1414Z	25Oct2023	0.74m
MOSSEL	1414Z	25Oct2023	0.74m
KELSO	1418Z	25Oct2023	2.02m
LAKE SIBAYI	1432Z	25Oct2023	0.69m
PORT DURNFORD	1434Z	25Oct2023	0.88m
MANDI	1444Z	25Oct2023	1.21m
ABORETUM	1446Z	25Oct2023	1.47m
KOSIMEER	1546Z	25Oct2023	0.84m

SRI LANKA

HAMBANTOTA	1026Z	25Oct2023	0.77m
GALLE	1028Z	25Oct2023	0.62m
MATARA	1028Z	25Oct2023	0.62m
AKKARAIATTU	1108Z	25Oct2023	0.59m
OKANDA	1108Z	25Oct2023	0.56m
BATTICALOA	1114Z	25Oct2023	0.55m
MORATUWA	1136Z	25Oct2023	1.22m
NEGOMBO	1136Z	25Oct2023	0.58m
MULLAITTIVU	1140Z	25Oct2023	0.79m
POTTUVIL	1206Z	25Oct2023	0.50m
TANGALLE	1206Z	25Oct2023	0.79m
KATTANKUDI	1222Z	25Oct2023	0.55m
PANKULAM	1234Z	25Oct2023	0.50m
CHUNDIKKULAM	1244Z	25Oct2023	0.60m
AMBALANGODA	1316Z	25Oct2023	0.61m
BERUWALA	1324Z	25Oct2023	0.60m
COLOMBO	1326Z	25Oct2023	0.60m

TANZANIA

MADANGWA	1632Z	25Oct2023	0.51m
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UNITED KINGDOM

DIEGO GARCIA	0836Z	25Oct2023	0.74m
NW EGMONT ISLAND	0958Z	25Oct2023	0.58m

YEMEN

SOCOTRA ISLAND SOUTH	1322Z	25Oct2023	0.78m
AL GHAYDAH AIRPORT	1604Z	25Oct2023	0.53m

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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# BULLETIN 15

IDY68501

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TSUNAMI BULLETIN NUMBER 15 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)  
ISSUED AT 1250 UTC Wednesday 25 October 2023  
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... 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: 9.1 Mwp  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

Benoa UTC	INDONESIA	8.83S 115.33E	11.79m	25 Oct 02:26
Christmas Is UTC	AUSTRALIA	10.40S 105.67E	1.14m	25 Oct 02:30
Deep Ocean Buoy 56001 UTC	INDIAN OCEAN	14.02S 109.94E	2.28m	25 Oct 02:36
Deep Ocean Buoy 56003 UTC	INDIAN OCEAN	15.02S 117.94E	1.04m	25 Oct 02:36
Prigi UTC	INDONESIA	8.33S 111.83E	9.06m	25 Oct 02:36
Sadeng UTC	INDONESIA	8.33S 110.83E	17.60m	25 Oct 02:40
Waikelo UTC	INDONESIA	9.40S 119.22E	5.25m	25 Oct 02:47
Lembar UTC	INDONESIA	8.70S 116.07E	7.88m	25 Oct 02:48
Cilacap UTC	INDONESIA	7.80S 109.00E	11.52m	25 Oct 02:51
Pangandaran UTC	INDONESIA	7.83S 108.50E	9.01m	25 Oct 02:54
Rote UTC	INDONESIA	10.70S 123.06E	0.88m	25 Oct 03:18
Enggano UTC	INDONESIA	5.30S 102.28E	2.42m	25 Oct 03:35
Tanjung Lesung UTC	INDONESIA	6.50S 105.50E	1.98m	25 Oct 03:42
Cocos Island. UTC	AUSTRALIA	12.10S 96.89E	0.66m	25 Oct 03:46

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Marina Jambu UTC	INDONESIA	6.19S 105.83E	1.48m	25 Oct 03:52
Point Murat UTC	AUSTRALIA	21.80S 114.19E	18.01m	25 Oct 04:23
Seblat UTC	INDONESIA	3.17S 101.50E	1.68m	25 Oct 04:27
Telukdalam UTC	INDONESIA	0.50N 97.83E	1.04m	25 Oct 04:42
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S 113.40E	6.87m	25 Oct 04:46
Ambon UTC	INDONESIA	3.70S 128.18E	1.67m	25 Oct 05:03
Padang UTC	INDONESIA	1.00S 100.37E	0.44m	25 Oct 05:09
Broome. UTC	AUSTRALIA	18.00S 122.22E	1.04m	25 Oct 05:42
Port Hedland(Offshore) UTC	AUSTRALIA	20.00S 118.42E	2.02m	25 Oct 05:56
Hillarys Harbor UTC	AUSTRALIA	31.80S 115.74E	1.94m	25 Oct 06:01
Meulaboh UTC	INDONESIA	4.17N 96.00E	0.40m	25 Oct 06:03
Saumlaki UTC	INDONESIA	8.00S 131.29E	0.08m	25 Oct 06:05
Sabang UTC	INDONESIA	5.80N 95.33E	0.16m	25 Oct 06:17
Sibolga UTC	INDONESIA	1.67N 98.67E	0.34m	25 Oct 06:35
Nancowry UTC	INDIA	8.10N 93.55E	0.22m	25 Oct 06:37
Kirinda UTC	SRI LANKA	6.20N 81.32E	1.96m	25 Oct 07:02
Trincomalee UTC	SRI LANKA	8.67N 81.33E	0.69m	25 Oct 07:10
Port Blair UTC	INDIA	11.70N 92.76E	0.13m	25 Oct 07:10
Diego Garcia UTC	UK	7.20S 72.43E	1.27m	25 Oct 07:13
Gan UTC	MALDIVES	0.70S 73.15E	0.88m	25 Oct 07:20
Colombo UTC	SRI LANKA	7.00N 79.85E	0.82m	25 Oct 07:31
Male UTC	MALDIVES	4.20N 73.53E	1.24m	25 Oct 07:39
Ko Taphao Noi UTC	THAILAND	7.80N 98.42E	0.13m	25 Oct 07:55
Esperance. UTC	AUSTRALIA	33.83S 122.00E	0.30m	25 Oct 08:01
Hanimadhoo UTC	MALDIVES	6.80N 73.17E	0.77m	25 Oct 08:04
Chennai UTC	INDIA	13.10N 80.30E	0.51m	25 Oct 08:08
Minicoy UTC	INDIA	8.30N 73.05E	0.61m	25 Oct 08:13
Visakhapatnam UTC	INDIA	17.70N 83.28E	0.57m	25 Oct 08:36
Davao UTC	PHILIPPINES	7.10N 125.63E	0.07m	25 Oct 09:04
Cochin UTC	INDIA	10.00N 76.17E	0.29m	25 Oct 09:19

Sittwe UTC	MYANMAR	20.00N	92.83E	0.17m	25 Oct 09:21
Deep Ocean Buoy 23401 UTC	BAY OF BENGA	8.86N	88.56E	0.04m	25 Oct 09:28
Langkawi UTC	MALAYSIA	6.50N	99.83E	0.05m	25 Oct 09:31
Portland. UTC	AUSTRALIA	38.30S	141.61E	0.36m	25 Oct 09:33
Blue Bay UTC	MAURITIUS	20.50S	57.67E	1.28m	25 Oct 09:35
Pt Louis UTC	MAURITIUS	20.17S	57.33E	1.06m	25 Oct 09:49
Sainte Marie UTC	REUNION	20.90S	55.54E	1.35m	25 Oct 09:56
Agalega UTC	MAURITIUS	10.30S	56.59E	0.32m	25 Oct 10:01
Denis Island UTC	SEYCHELLES	3.80S	55.67E	0.24m	25 Oct 10:05
Darwin. UTC	AUSTRALIA	12.50S	130.85E	0.35m	25 Oct 10:34
Thevenard UTC	AUSTRALIA	32.10S	133.64E	0.22m	25 Oct 10:40
Geraldton. UTC	AUSTRALIA	28.80S	114.57E	1.14m	25 Oct 10:42
Battery Point UTC	AUSTRALIA	43.00S	147.33E	0.13m	25 Oct 10:50
Deep Ocean Buoy 55015 UTC	TASMAN SEA 1	46.83S	160.26E	0.02m	25 Oct 11:10
Masirah UTC	OMAN	20.70N	58.87E	0.12m	25 Oct 11:22
Stony Point UTC	AUSTRALIA	38.50S	145.17E	0.13m	25 Oct 11:34
Toamasina UTC	MADAGASCAR	18.20S	49.43E	0.92m	25 Oct 11:34
Pointe des Galets UTC	REUNION ISLA	20.90S	55.28E	0.31m	25 Oct 12:10
Ormara UTC	PAKISTAN	25.20N	64.07E	0.12m	25 Oct 12:13
Gwadar UTC	PAKISTAN	25.00N	62.00E	0.13m	25 Oct 12:26
Chabahar UTC	IRAN	25.33N	60.50E	0.12m	25 Oct 12:33
Comores UTC	COMORES	11.70S	43.25E	0.10m	25 Oct 12:37
Kerguelen Is UTC	FRANCE	49.50S	70.17E	1.63m	25 Oct 12:38

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

NINGALOO COAST	0404Z	25Oct2023	28.25m
PILBARA COAST WEST	0406Z	25Oct2023	6.98m
WEST KIMBERLY COAST	0418Z	25Oct2023	2.72m
PILBARA COAST EAST	0424Z	25Oct2023	3.41m
GASCOYNE COAST	0450Z	25Oct2023	7.85m
NORTH KIMBERLY COAST	0456Z	25Oct2023	1.33m
GERALDTON COAST	0508Z	25Oct2023	2.56m
LANCELIN COAST	0534Z	25Oct2023	1.01m
PERTH COAST	0542Z	25Oct2023	1.15m
BUNBURY GEOGRAPHE COAST	0600Z	25Oct2023	1.59m
LEEUEWIN COAST	0614Z	25Oct2023	1.18m
ALBANY COAST	0720Z	25Oct2023	1.00m
HEARD ISLAND AND MCDONALD ISLANDS	1038Z	25Oct2023	7.25m
AURORA BANK	1054Z	25Oct2023	3.93m
WEST COAST VIC	2024Z	25Oct2023	0.57m
CENTRAL WEST COAST TAS	0154Z	26Oct2023	0.65m

FRANCE

ILE SAINT-PAUL-NORTH	0800Z	25Oct2023	1.41m
ILE SAINT-PAUL-SOUTH	0808Z	25Oct2023	1.40m
SAINT-JOSEPH	0952Z	25Oct2023	1.11m
ILE KERGUELEN	1022Z	25Oct2023	2.79m
SAINT-DENIS	1038Z	25Oct2023	0.63m
ILE DE LA POSSESSION	1152Z	25Oct2023	1.07m
CROZET PLATEAU	1200Z	25Oct2023	2.37m
NES CROZET	1210Z	25Oct2023	1.27m

INDIA

MARAKKANAM	1104Z	25Oct2023	0.57m
MACHILIPATNAM	1236Z	25Oct2023	0.79m
KOTTAPATNAM	1258Z	25Oct2023	0.56m
ALLEPPEY ALAPPUZHA	1300Z	25Oct2023	0.84m
NIJAMPATTANAM	1300Z	25Oct2023	0.51m
CUDDALORE	1314Z	25Oct2023	0.87m
CHENNAI	1314Z	25Oct2023	0.96m
MAHABALIPURAM	1314Z	25Oct2023	0.96m
PUDUCHERRY	1316Z	25Oct2023	0.58m
POOMBUHAR	1326Z	25Oct2023	0.80m
KANYAKUMARI	1330Z	25Oct2023	1.15m
TRIVANDRUM	1330Z	25Oct2023	0.57m
SRIHARIKOTA	1332Z	25Oct2023	1.09m
QUILON	1346Z	25Oct2023	0.55m
KOODANKULAM	1400Z	25Oct2023	1.15m
NAGAPATTINAM	1412Z	25Oct2023	0.72m
VAKKAD	1428Z	25Oct2023	0.53m
ENNORE	1430Z	25Oct2023	1.41m
BEYPORE	1436Z	25Oct2023	0.52m
MAHE	1444Z	25Oct2023	0.53m
KANNUR	1446Z	25Oct2023	0.57m



KASARAGOD	1446Z	25Oct2023	0.51m
KARAIKAL	1502Z	25Oct2023	0.69m
NORTH SENTINEL ISLAND	1638Z	25Oct2023	0.59m
KARWAR	2010Z	25Oct2023	0.51m
VASCO	2116Z	25Oct2023	0.57m
KOMATRA & KATCHAL ISLAND	2140Z	25Oct2023	0.55m
INDONESIA			
NTB LOMBOK-TENGAH	0218Z	25Oct2023	23.63m
NTB LOMBOK-TIMUR S	0218Z	25Oct2023	19.75m
JATIM TRENGGALEK	0220Z	25Oct2023	17.61m
NTB SUMBAWA S	0220Z	25Oct2023	8.85m
JATIM MALANG	0222Z	25Oct2023	16.04m
JATIM JEMBER	0222Z	25Oct2023	20.03m
JATIM JEMBER P.NUSABARUNG	0222Z	25Oct2023	21.79m
NTT SUMBA B	0222Z	25Oct2023	4.36m
JABAR TASIKMALAYA	0224Z	25Oct2023	4.66m
JATENG KEBUMEN	0224Z	25Oct2023	9.93m
JATENG PURWOREJO	0224Z	25Oct2023	11.20m
NTB DOMPU S	0224Z	25Oct2023	6.22m
JATIM BLITAR	0226Z	25Oct2023	12.40m
NTT SUMBA T	0226Z	25Oct2023	3.58m
JATIM PACITAN	0226Z	25Oct2023	16.18m
JABAR GARUT	0228Z	25Oct2023	4.14m
DIY GUNUNG-KIDUL	0228Z	25Oct2023	18.52m
JATENG WONOGIRI	0228Z	25Oct2023	18.52m
NTB KOTA-BIMA S	0228Z	25Oct2023	4.18m
JABAR CIANJUR SINDANGBARANG	0230Z	25Oct2023	4.38m
DIY KULON-PROGO	0230Z	25Oct2023	9.64m
JATIM TULUNGAGUNG	0230Z	25Oct2023	6.93m
DIY BANTUL	0230Z	25Oct2023	15.47m
JABAR CIAMIS	0234Z	25Oct2023	3.54m
JATIM LUMAJANG	0234Z	25Oct2023	10.09m
JABAR SUKABUMI UJUNG-GENTENG	0236Z	25Oct2023	4.62m
JATENG CILACAP	0240Z	25Oct2023	4.84m
NTT MANGGARAI-BARAT P.	0240Z	25Oct2023	2.36m
BANTEN LEBAK	0246Z	25Oct2023	2.32m
JABAR SUKABUMI PELABUHAN-RATU	0246Z	25Oct2023	9.24m
BANTEN PANDEGLANG S	0246Z	25Oct2023	3.18m
NTT MANGGARAI-BARAT S	0250Z	25Oct2023	2.04m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0322Z	25Oct2023	1.15m
BENGKULU BENGKULU-UTARA P.ENGGANO	0324Z	25Oct2023	1.11m
BENGKULU BENGKULU-SELATAN	0344Z	25Oct2023	1.16m
BENGKULU SELUMA	0346Z	25Oct2023	1.76m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0420Z	25Oct2023	1.12m
BENGKULU BENGKULU-UTARA S	0426Z	25Oct2023	1.26m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0656Z	25Oct2023	0.79m
SUMUT MANDAILING-NATAL S	0824Z	25Oct2023	0.67m
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0916Z	25Oct2023	0.64m
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0930Z	25Oct2023	1.06m
SUMUT NIAS-SELATAN P.TANABALA	0948Z	25Oct2023	0.79m
NIAS-EAST	1004Z	25Oct2023	0.76m
SUMUT NIAS-SELATAN P.NIAS	1006Z	25Oct2023	0.69m
NAD SIMEULUE P.SIMEULUE	1034Z	25Oct2023	0.85m
SUMBAR KOTA-PADANG U	1042Z	25Oct2023	0.61m
SUMUT NIAS B	1056Z	25Oct2023	0.76m
SUMBAR PESISIR-SELATAN S	1112Z	25Oct2023	0.56m
SUMUT MANDAILING-NATAL U	1118Z	25Oct2023	0.63m
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1128Z	25Oct2023	0.53m
NAD NAGAN-RAYA	1202Z	25Oct2023	0.60m
NAD ACEH-BARAT-DAYA	1206Z	25Oct2023	0.58m

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NAD ACEH-JAYA	1210Z	25Oct2023	0.52m
SUMUT TAPANULI-TENGAH S	1600Z	25Oct2023	0.54m
SUMUT TAPANULI-SELATAN	1600Z	25Oct2023	0.54m

KENYA

KIWAYU	1748Z	25Oct2023	0.75m
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MADAGASCAR

TOAMASINA AIRPORT	1052Z	25Oct2023	1.21m
AMBAHY	1056Z	25Oct2023	1.68m
FARAFAGANA	1104Z	25Oct2023	0.93m
TAMPOLO	1106Z	25Oct2023	1.84m
VOHEMAR	1132Z	25Oct2023	1.15m
MANANTENINA	1224Z	25Oct2023	0.81m
ANOROTSANGANA	1326Z	25Oct2023	0.71m
ANDROKA	1352Z	25Oct2023	0.80m
SAMPONA	1416Z	25Oct2023	0.65m

MALDIVES

DHIYAMIGILI	0918Z	25Oct2023	0.59m
NILANDHOO	1026Z	25Oct2023	0.91m
FERIDHOO	1030Z	25Oct2023	0.66m
KOLHUFUSHI	1036Z	25Oct2023	0.53m
THINADHOO	1116Z	25Oct2023	0.77m
MALE	1200Z	25Oct2023	0.60m
KULHUDUFFUSHI	1208Z	25Oct2023	0.59m
GOIDHOO	2116Z	25Oct2023	0.54m

MAURITIUS

LA FERME	0842Z	25Oct2023	1.08m
GRANDE REVIERE SUD EST-EAST	0932Z	25Oct2023	1.19m
GRANDE REVIERE SUD EST-WEST	0950Z	25Oct2023	0.60m
CARGADOS CARAJOS	1048Z	25Oct2023	1.61m

MOZAMBIQUE

ZAVALA	1452Z	25Oct2023	0.96m
XAI-XAI	1456Z	25Oct2023	0.84m
MAPUTO	1558Z	25Oct2023	0.55m
MALUANA	1632Z	25Oct2023	0.59m
INHARRIME	2032Z	25Oct2023	0.64m

OMAN

HASIK	1402Z	25Oct2023	0.51m
TAQAH	1408Z	25Oct2023	0.65m
SALALAH	1410Z	25Oct2023	0.60m
MIRBAT	1434Z	25Oct2023	0.51m
MUSCAT	2332Z	25Oct2023	0.57m

SEYCHELLES

TAKAMAKA	1354Z	25Oct2023	0.86m
FREGATE ISLAND	1416Z	25Oct2023	0.67m

SOMALIA

JARIIBAN	1358Z	25Oct2023	0.69m
JILIB	1438Z	25Oct2023	0.58m
MAREEG	1516Z	25Oct2023	0.51m
ITALA	1518Z	25Oct2023	0.51m
BANDER-BEYLA	1520Z	25Oct2023	0.66m
EYL	1522Z	25Oct2023	0.62m
XARARDHEERE	1530Z	25Oct2023	0.57m
GALDOGOB	1530Z	25Oct2023	0.73m

SOUTH AFRICA  
 FUNK SEAMOUNT 1320Z 25Oct2023 1.14m  
 MARGATE 1410Z 25Oct2023 1.84m  
 BIZANA 1410Z 25Oct2023 1.05m  
 PORT ELIZABETH 1414Z 25Oct2023 0.74m  
 BATHURST 1414Z 25Oct2023 0.74m  
 ELLIOTDALE 1414Z 25Oct2023 0.74m  
 PORT ST JOHNS 1414Z 25Oct2023 0.74m  
 LUSIKISIKI 1414Z 25Oct2023 0.74m  
 HANKEY 1414Z 25Oct2023 0.74m  
 ZIKHOVA 1414Z 25Oct2023 0.74m  
 GAMTOOS 1414Z 25Oct2023 0.74m  
 GEORGE 1414Z 25Oct2023 0.74m  
 WITAAND 1414Z 25Oct2023 0.74m  
 NGQUELENI 1414Z 25Oct2023 0.74m  
 HEIDELBERG 1414Z 25Oct2023 0.74m  
 KAYSER'S BEACH 1414Z 25Oct2023 0.74m  
 BREDASDORP 1414Z 25Oct2023 0.74m  
 WILLOWVALE 1414Z 25Oct2023 0.74m  
 KENTANI 1414Z 25Oct2023 0.74m  
 MARSHSTRAND 1414Z 25Oct2023 0.74m  
 PEDDIE 1414Z 25Oct2023 0.74m  
 ALEXANDRIA 1414Z 25Oct2023 0.74m  
 HUMANSDORP 1414Z 25Oct2023 0.74m  
 MOSSEL 1414Z 25Oct2023 0.74m  
 KELSO 1418Z 25Oct2023 2.02m  
 LAKE SIBAYI 1432Z 25Oct2023 0.69m  
 PORT DURNFORD 1434Z 25Oct2023 0.88m  
 MANDI 1444Z 25Oct2023 1.21m  
 ABORETUM 1446Z 25Oct2023 1.47m  
 KOSIMEER 1546Z 25Oct2023 0.84m

SRI LANKA  
 HAMBANTOTA 1026Z 25Oct2023 0.77m  
 GALLE 1028Z 25Oct2023 0.62m  
 MATARA 1028Z 25Oct2023 0.62m  
 AKKARAI PATTU 1108Z 25Oct2023 0.59m  
 OKANDA 1108Z 25Oct2023 0.56m  
 BATTICALOA 1114Z 25Oct2023 0.55m  
 MORATUWA 1136Z 25Oct2023 1.22m  
 NEGOMBO 1136Z 25Oct2023 0.58m  
 MULLAITTIVU 1140Z 25Oct2023 0.79m  
 POTTUVIL 1206Z 25Oct2023 0.50m  
 TANGALLE 1206Z 25Oct2023 0.79m  
 KATTANKUDI 1222Z 25Oct2023 0.55m  
 PANKULAM 1234Z 25Oct2023 0.50m  
 CHUNDIKKULAM 1244Z 25Oct2023 0.60m  
 AMBALANGODA 1316Z 25Oct2023 0.61m  
 BERUWALA 1324Z 25Oct2023 0.60m  
 COLOMBO 1326Z 25Oct2023 0.60m

TANZANIA  
 MADANGWA 1632Z 25Oct2023 0.51m

UNITED KINGDOM  
 DIEGO GARCIA 0836Z 25Oct2023 0.74m  
 NW EGMONT ISLAND 0958Z 25Oct2023 0.58m

YEMEN  
 SOCOTRA ISLAND SOUTH 1322Z 25Oct2023 0.78m

AL GHAYDAH AIRPORT 1604Z 25Oct2023 0.53m

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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# BULLETIN 16

IDY68504

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TSUNAMI BULLETIN NUMBER 16 (TYPE-IV FINAL BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER AUSTRALIA (JATWC)  
ISSUED AT 1350 UTC Wednesday 25 October 2023  
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... FINAL TSUNAMI BULLETIN FOR THE INDIAN OCEAN ...

## 1. EARTHQUAKE INFORMATION

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

Magnitude: 9.1 Mwp  
Depth: 10km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

Data from sea-level gauges confirmed that a tsunami was generated.

The expected period of significant tsunami waves is now over for all threatened Indian Ocean countries, based on 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.

Benoa UTC	INDONESIA	8.83S 115.33E	11.79m	25 Oct 02:26
Christmas Is UTC	AUSTRALIA	10.40S 105.67E	1.14m	25 Oct 02:30
Deep Ocean Buoy 56001 UTC	INDIAN OCEAN	14.02S 109.94E	2.28m	25 Oct 02:36
Deep Ocean Buoy 56003 UTC	INDIAN OCEAN	15.02S 117.94E	1.04m	25 Oct 02:36
Prigi UTC	INDONESIA	8.33S 111.83E	9.06m	25 Oct 02:36
Sadeng UTC	INDONESIA	8.33S 110.83E	17.60m	25 Oct 02:40
Waikelo UTC	INDONESIA	9.40S 119.22E	5.25m	25 Oct 02:47
Lembar UTC	INDONESIA	8.70S 116.07E	7.88m	25 Oct 02:48

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Cilacap UTC	INDONESIA	7.80S 109.00E	11.52m	25 Oct 02:51
Pangandaran UTC	INDONESIA	7.83S 108.50E	9.01m	25 Oct 02:54
Rote UTC	INDONESIA	10.70S 123.06E	0.88m	25 Oct 03:18
Enggano UTC	INDONESIA	5.30S 102.28E	2.42m	25 Oct 03:35
Tanjung Lesung UTC	INDONESIA	6.50S 105.50E	1.98m	25 Oct 03:42
Cocos Island. UTC	AUSTRALIA	12.10S 96.89E	0.66m	25 Oct 03:46
Marina Jambu UTC	INDONESIA	6.19S 105.83E	1.48m	25 Oct 03:52
Point Murat UTC	AUSTRALIA	21.80S 114.19E	18.01m	25 Oct 04:23
Seblat UTC	INDONESIA	3.17S 101.50E	1.68m	25 Oct 04:27
Telukdalam UTC	INDONESIA	0.50N 97.83E	1.04m	25 Oct 04:42
Cape Cuvier Wharf UTC	AUSTRALIA	24.20S 113.40E	6.87m	25 Oct 04:46
Ambon UTC	INDONESIA	3.70S 128.18E	1.67m	25 Oct 05:03
Padang UTC	INDONESIA	1.00S 100.37E	0.44m	25 Oct 05:09
Broome. UTC	AUSTRALIA	18.00S 122.22E	1.04m	25 Oct 05:42
Port Hedland(Offshore) UTC	AUSTRALIA	20.00S 118.42E	2.02m	25 Oct 05:56
Hillarys Harbor UTC	AUSTRALIA	31.80S 115.74E	1.94m	25 Oct 06:01
Meulaboh UTC	INDONESIA	4.17N 96.00E	0.40m	25 Oct 06:03
Saumlaki UTC	INDONESIA	8.00S 131.29E	0.08m	25 Oct 06:05
Sabang UTC	INDONESIA	5.80N 95.33E	0.16m	25 Oct 06:17
Sibolga UTC	INDONESIA	1.67N 98.67E	0.34m	25 Oct 06:35
Nancowry UTC	INDIA	8.10N 93.55E	0.22m	25 Oct 06:37
Kirinda UTC	SRI LANKA	6.20N 81.32E	1.96m	25 Oct 07:02
Trincomalee UTC	SRI LANKA	8.67N 81.33E	0.69m	25 Oct 07:10
Port Blair UTC	INDIA	11.70N 92.76E	0.13m	25 Oct 07:10
Diego Garcia UTC	UK	7.20S 72.43E	1.27m	25 Oct 07:13
Gan UTC	MALDIVES	0.70S 73.15E	0.88m	25 Oct 07:20
Colombo UTC	SRI LANKA	7.00N 79.85E	0.82m	25 Oct 07:31
Male UTC	MALDIVES	4.20N 73.53E	1.24m	25 Oct 07:39
Ko Taphao Noi UTC	THAILAND	7.80N 98.42E	0.13m	25 Oct 07:55
Esperance. UTC	AUSTRALIA	33.83S 122.00E	0.30m	25 Oct 08:01

Hanimadhoo UTC	MALDIVES	6.80N	73.17E	0.77m	25 Oct 08:04
Chennai UTC	INDIA	13.10N	80.30E	0.51m	25 Oct 08:08
Minicoy UTC	INDIA	8.30N	73.05E	0.61m	25 Oct 08:13
Visakhapatnam UTC	INDIA	17.70N	83.28E	0.57m	25 Oct 08:36
Davao UTC	PHILIPPINES	7.10N	125.63E	0.07m	25 Oct 09:04
Cochin UTC	INDIA	10.00N	76.17E	0.29m	25 Oct 09:19
Sittwe UTC	MYANMAR	20.00N	92.83E	0.17m	25 Oct 09:21
Deep Ocean Buoy 23401 UTC	BAY OF BENGA	8.86N	88.56E	0.04m	25 Oct 09:28
Langkawi UTC	MALAYSIA	6.50N	99.83E	0.05m	25 Oct 09:31
Portland. UTC	AUSTRALIA	38.30S	141.61E	0.36m	25 Oct 09:33
Blue Bay UTC	MAURITIUS	20.50S	57.67E	1.28m	25 Oct 09:35
Pt Louis UTC	MAURITIUS	20.17S	57.33E	1.06m	25 Oct 09:49
Sainte Marie UTC	REUNION	20.90S	55.54E	1.35m	25 Oct 09:56
Agalega UTC	MAURITIUS	10.30S	56.59E	0.32m	25 Oct 10:01
Denis Island UTC	SEYCHELLES	3.80S	55.67E	0.24m	25 Oct 10:05
Darwin. UTC	AUSTRALIA	12.50S	130.85E	0.35m	25 Oct 10:34
Thevenard UTC	AUSTRALIA	32.10S	133.64E	0.22m	25 Oct 10:40
Geraldton. UTC	AUSTRALIA	28.80S	114.57E	1.14m	25 Oct 10:42
Battery Point UTC	AUSTRALIA	43.00S	147.33E	0.13m	25 Oct 10:50
Deep Ocean Buoy 55015 UTC	TASMAN SEA 1	46.83S	160.26E	0.02m	25 Oct 11:10
Masirah UTC	OMAN	20.70N	58.87E	0.12m	25 Oct 11:22
Stony Point UTC	AUSTRALIA	38.50S	145.17E	0.13m	25 Oct 11:34
Toamasina UTC	MADAGASCAR	18.20S	49.43E	0.92m	25 Oct 11:34
Pointe des Galets UTC	REUNION ISLA	20.90S	55.28E	0.31m	25 Oct 12:10
Ormara UTC	PAKISTAN	25.20N	64.07E	0.12m	25 Oct 12:13
Gwadar UTC	PAKISTAN	25.00N	62.00E	0.13m	25 Oct 12:26
Chabahar UTC	IRAN	25.33N	60.50E	0.12m	25 Oct 12:33
Comores UTC	COMORES	11.70S	43.25E	0.10m	25 Oct 12:37
Kerguelen Is UTC	FRANCE	49.50S	70.17E	1.63m	25 Oct 12:38
Puysegur Welcome Bay UTC	NEW ZEALAND	46.17S	166.50E	0.22m	25 Oct 12:46

Lamu UTC	KENYA	2.30S	40.90E	0.18m	25 Oct 12:53
Karachi UTC	PAKISTAN	24.83N	66.83E	0.13m	25 Oct 12:54
Mtwara UTC	TANZANIA	10.33S	40.33E	0.13m	25 Oct 12:56
Muscat UTC	OMAN	23.60N	58.57E	0.11m	25 Oct 13:04
Inhambane UTC	MOCAMBIQUE	24.00S	35.50E	0.22m	25 Oct 13:12
Jask UTC	IRAN	25.60N	57.77E	0.20m	25 Oct 13:22
Salalah UTC	OMAN	16.90N	54.01E	0.13m	25 Oct 13:26
Pemba UTC	MOCAMBIQUE	13.00S	40.48E	0.14m	25 Oct 13:27
Pt LaRue UTC	SEYCHELLES	4.50S	55.50E	0.40m	25 Oct 13:30
Mombasa UTC	KENYA	4.10S	39.65E	0.18m	25 Oct 13:32
Zanzibar UTC	TANZANIA	6.20S	39.18E	0.26m	25 Oct 13:34
Mormugao UTC	INDIA	15.40N	73.78E	0.18m	25 Oct 13:40

#### 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/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

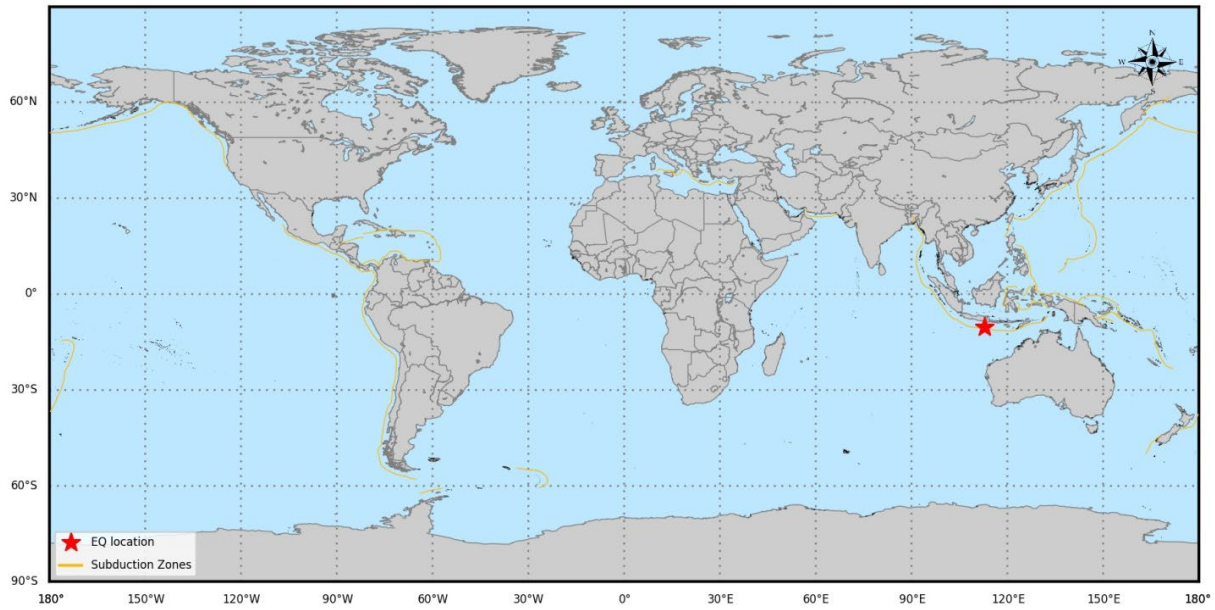
---



### 3. TSP INDIA MAPS

Figure S4-13. Location Map

Earthquake location: South of Java, Indonesia Magnitude: 8.6



**M 8.8**

Figure S4-14. Threat Map

Threat Map  
EQ location: South of Java, Indonesia Magnitude: 8.8

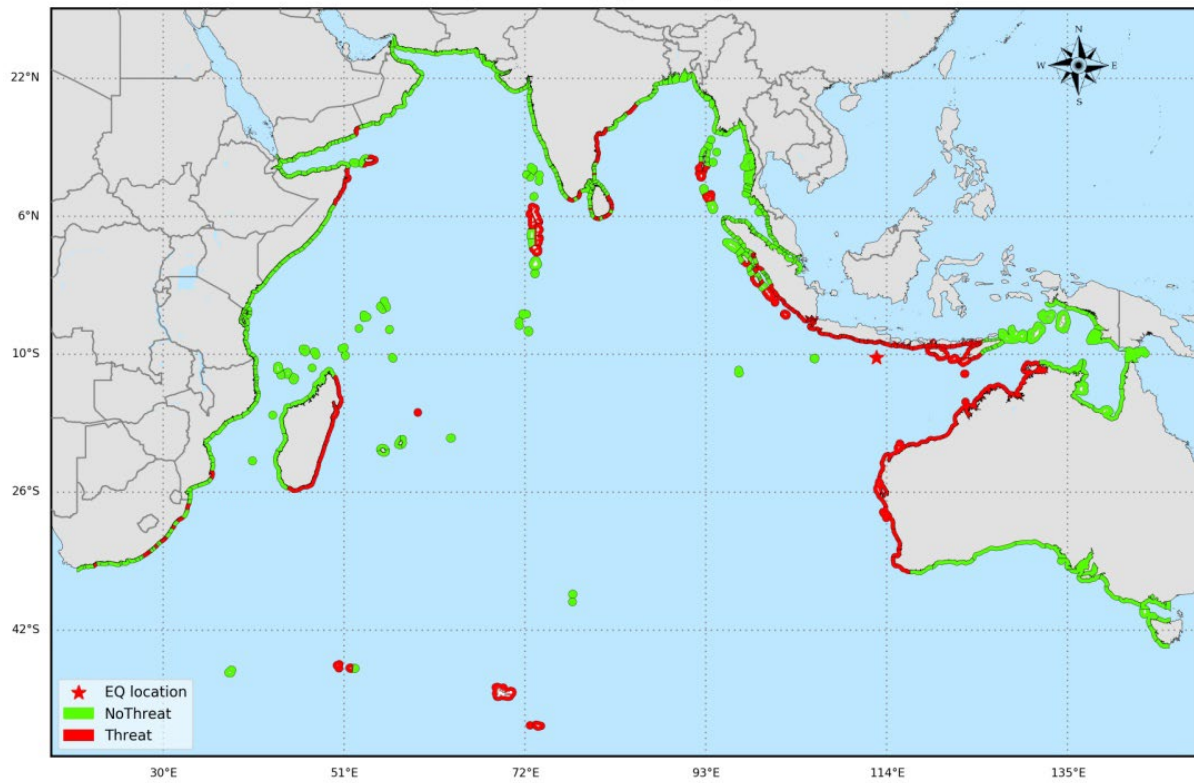


Figure S4-15. Travel Time Map

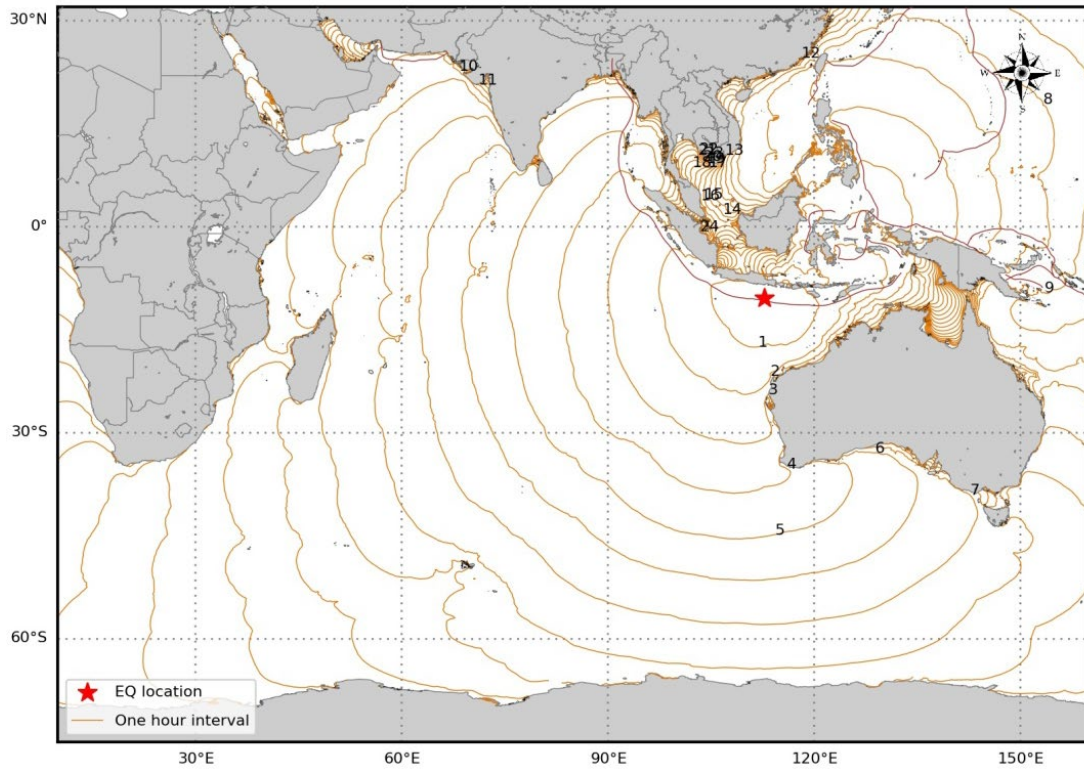
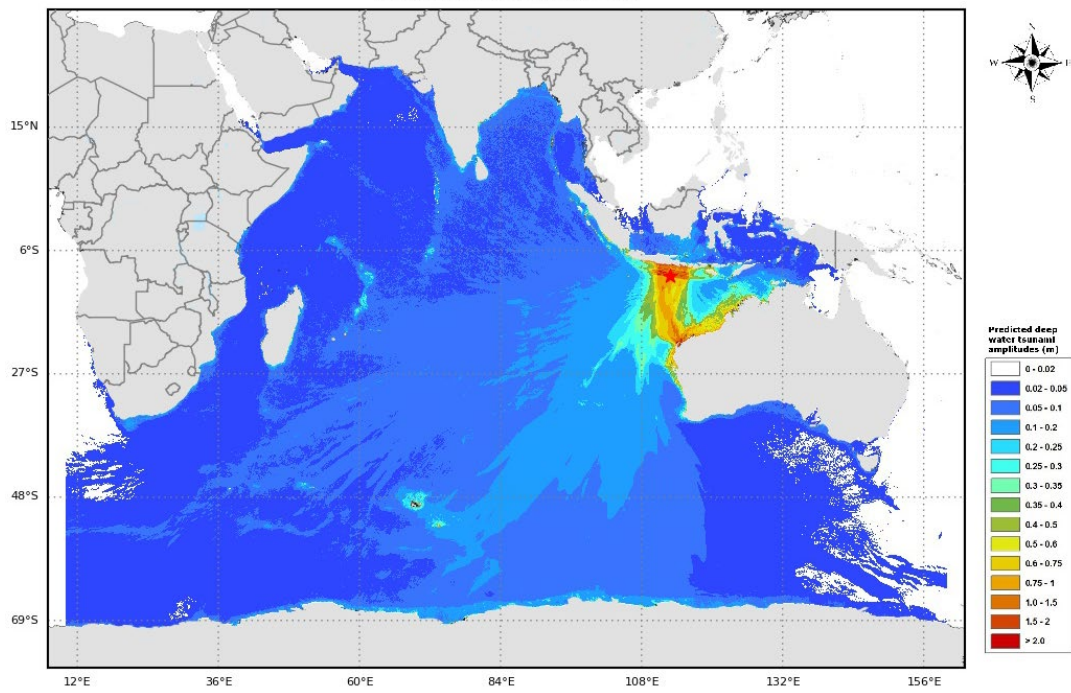


Figure S4-16. Wave Amplitude Map  
Maximum Wave Amplitude Map



**M 9.1**

Figure S4-17. Threat Map

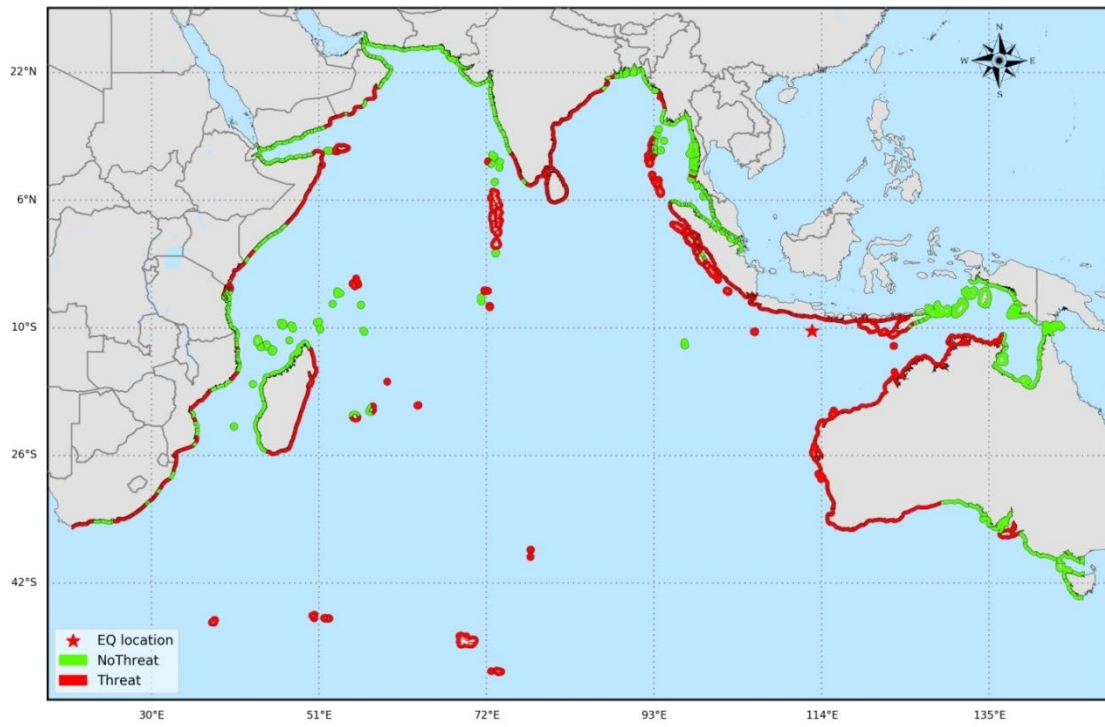


Figure S4-18. Travel Time Map

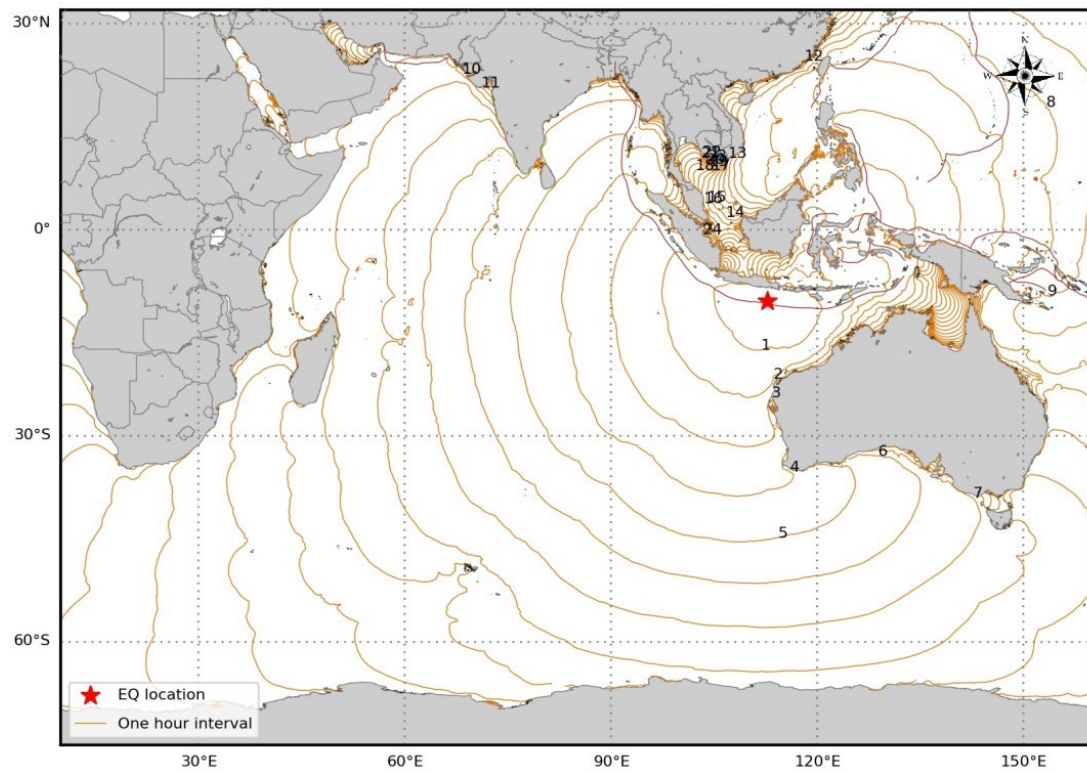
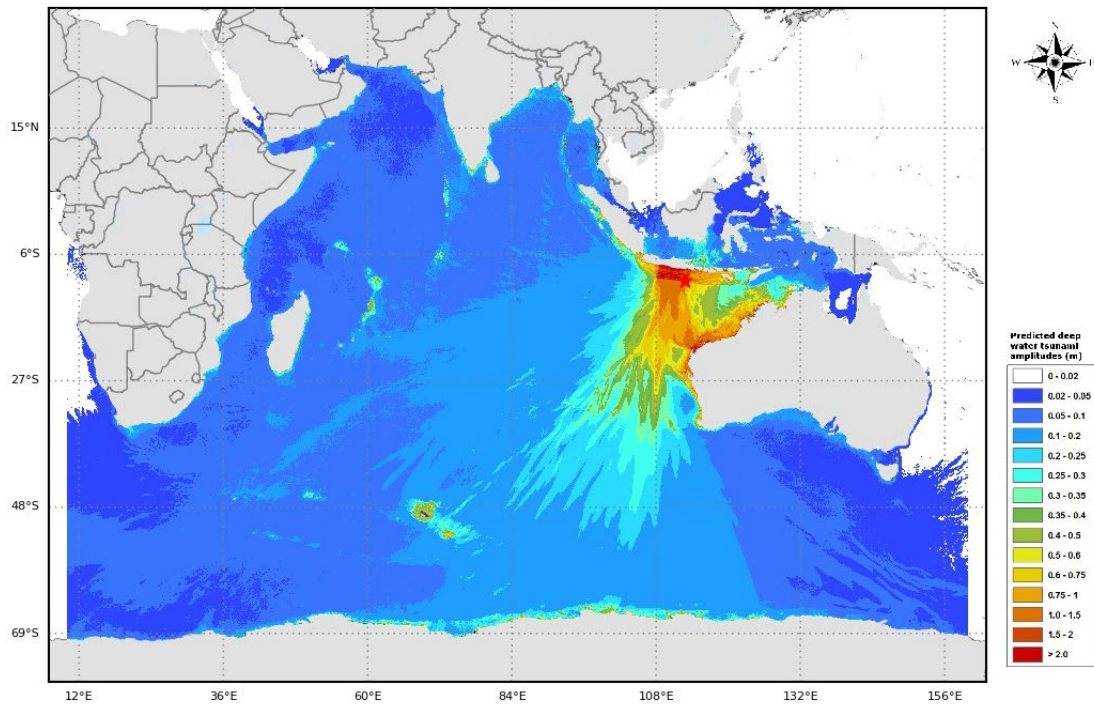


Figure S4-19. Wave Amplitude Map



#### 4. TSP INDIA BULLETINS

### BULLETIN 1

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

```
-----  
TSUNAMI BULLETIN NUMBER 1 (TYPE-I EARTHQUAKE BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)  
ISSUED AT 0208 UTC WEDNESDAY 25 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: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

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

END OF BULLETIN

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

## BULLETIN 2

```
#####  
#  
# 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 0215 UTC WEDNESDAY 25 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: 8.8 Mwp (UPDATED)  
Depth: 10 km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40 S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

### 2. EVALUATION

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

An investigation is under way to determine if a tsunami has been triggered. This 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

-----  
NINGALOO COAST 0416z 25 Oct 2023 6.8m Threat  
PILBARA COAST WEST 0421z 25 Oct 2023 3.2m Threat  
PILBARA COAST EAST 0445z 25 Oct 2023 2.3m Threat  
WEST KIMBERLY COAST 0445z 25 Oct 2023 1.7m Threat  
GASCOYNE COAST 0506z 25 Oct 2023 1.7m Threat  
NORTH KIMBERLY COAST 0520z 25 Oct 2023 1.0m Threat  
GERALDTON COAST 0712z 25 Oct 2023 1.2m Threat  
LEEUVIN COAST 0937z 25 Oct 2023 0.7m Threat  
BUNBURY GEOGRAPHE COAST 1046z 25 Oct 2023 0.7m Threat  
HEARD ISLAND AND MCDONALD ISLANDS 1217z 25 Oct 2023 1.5m Threat  
AURORA BANK 1404z 25 Oct 2023 0.8m Threat  
LANCELIN COAST 1522z 25 Oct 2023 0.6m Threat  
PERTH COAST 1532z 25 Oct 2023 0.5m Threat  
ASHMORE REEF 1753z 25 Oct 2023 0.5m Threat  
BEAGLE BONAPARTE COAST 2123z 25 Oct 2023 0.7m Threat

NORTH TIWI COAST	0102z	26 Oct 2023	0.5m	Threat
FRANCE				
-----				
ILE KERGUELEN	1235z	25 Oct 2023	1.2m	Threat
ILE DE LA POSSESSION	0019z	26 Oct 2023	0.6m	Threat
CROZET PLATEAU	0128z	26 Oct 2023	0.6m	Threat
INDIA				
-----				
KOTTAPATNAM	1130z	25 Oct 2023	0.7m	Threat
NIJAMPATTANAM	1137z	25 Oct 2023	0.8m	Threat
ENNORE	1634z	25 Oct 2023	0.8m	Threat
KANYAKUMARI	1713z	25 Oct 2023	0.5m	Threat
SRIHARIKOTA	1853z	25 Oct 2023	0.7m	Threat
MACHILIPATNAM	1856z	25 Oct 2023	0.7m	Threat
KARAIKAL	2000z	25 Oct 2023	0.6m	Threat
KOMATRA & KATCHAL ISLAND	2055z	25 Oct 2023	0.5m	Threat
NORTH SENTINEL ISLAND	2141z	25 Oct 2023	0.5m	Threat
CHENNAI	2155z	25 Oct 2023	0.6m	Threat
MAHABALIPURAM	2202z	25 Oct 2023	0.5m	Threat
PORT BLAIR	2301z	25 Oct 2023	0.5m	Threat
TUTICORIN	2310z	25 Oct 2023	0.6m	Threat
KALINGAPATNAM	0135z	26 Oct 2023	0.6m	Threat
LITTLE ANDAMAN	0208z	26 Oct 2023	0.5m	Threat
INDONESIA				
-----				
BALI DENPASAR PANTAI-SANUR	0213z	25 Oct 2023	7.7m	Threat
JATIM BANYUWANGI S	0214z	25 Oct 2023	6.5m	Threat
BALI BADUNG PANTAI-KUTA	0214z	25 Oct 2023	6.6m	Threat
NTB SUMBAWA B	0215z	25 Oct 2023	2.3m	Threat
NTB LOMBOK-TENGAH	0215z	25 Oct 2023	3.5m	Threat
JATIM JEMBER P.NUSABARUNG	0215z	25 Oct 2023	5.0m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	0217z	25 Oct 2023	5.7m	Threat
NTB LOMBOK-TIMUR S	0217z	25 Oct 2023	2.5m	Threat
NTB LOMBOK-BARAT S	0217z	25 Oct 2023	3.3m	Threat
JATIM MALANG	0218z	25 Oct 2023	5.5m	Threat
JATIM JEMBER	0219z	25 Oct 2023	7.7m	Threat
JATIM PACITAN	0220z	25 Oct 2023	5.0m	Threat
JATIM TRENGGALEK	0220z	25 Oct 2023	5.5m	Threat
JATIM BLITAR	0220z	25 Oct 2023	6.1m	Threat
BALI TABANAN	0220z	25 Oct 2023	4.3m	Threat
NTB SUMBAWA S	0221z	25 Oct 2023	2.9m	Threat
JATIM TULUNGAGUNG	0221z	25 Oct 2023	4.9m	Threat
JATENG WONOGIRI	0222z	25 Oct 2023	3.9m	Threat
JATIM LUMAJANG	0224z	25 Oct 2023	6.9m	Threat
DIY GUNUNG-KIDUL	0225z	25 Oct 2023	3.4m	Threat
JATENG PURWOREJO	0228z	25 Oct 2023	2.6m	Threat
DIY KULON-PROGO	0230z	25 Oct 2023	3.5m	Threat
DIY BANTUL	0230z	25 Oct 2023	2.6m	Threat
JATENG KEBUMEN	0231z	25 Oct 2023	2.3m	Threat
NTB DOMPU S	0235z	25 Oct 2023	1.0m	Threat
NTB KOTA-BIMA S	0236z	25 Oct 2023	1.6m	Threat
NTT SUMBA B	0238z	25 Oct 2023	2.0m	Threat
JABAR TASIKMALAYA	0244z	25 Oct 2023	1.5m	Threat
JABAR CIAMIS	0245z	25 Oct 2023	2.1m	Threat
NTT SUMBA T	0246z	25 Oct 2023	1.9m	Threat
JATENG CILACAP	0248z	25 Oct 2023	2.5m	Threat
JABAR GARUT	0249z	25 Oct 2023	1.6m	Threat
JABAR CIANJUR SINDANGBARANG	0252z	25 Oct 2023	1.4m	Threat
NTT MANGGARAI-BARAT P.	0252z	25 Oct 2023	1.8m	Threat
JABAR SUKABUMI UJUNG-GENTENG	0258z	25 Oct 2023	1.7m	Threat
NTT MANGGARAI-BARAT S	0302z	25 Oct 2023	1.3m	Threat
NTT KUPANG	0307z	25 Oct 2023	2.2m	Threat
NTB BIMA P.GILI	0307z	25 Oct 2023	1.3m	Threat
NTT MANGGARAI S	0312z	25 Oct 2023	1.4m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0312z	25 Oct 2023	1.4m	Threat

BANTEN LEBAK	0314z	25	Oct	2023	1.3m	Threat
BANTEN PANDEGLANG S	0315z	25	Oct	2023	1.3m	Threat
NTT NGADA S	0324z	25	Oct	2023	0.7m	Threat
NTT ROTENDAO	0333z	25	Oct	2023	1.2m	Threat
BANTEN PANDEGLANG P.PANAITAN	0334z	25	Oct	2023	0.9m	Threat
LAMPUNG TANGGAMUS B	0345z	25	Oct	2023	1.3m	Threat
NTT FLORES-TIMUR S	0355z	25	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS T	0359z	25	Oct	2023	1.1m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0401z	25	Oct	2023	1.2m	Threat
NTT LEMBATA S	0402z	25	Oct	2023	0.7m	Threat
PANTE MACASSAR	0405z	25	Oct	2023	0.8m	Threat
NTT KOTA-KUPANG	0405z	25	Oct	2023	1.5m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0408z	25	Oct	2023	1.1m	Threat
NTT ALOR S	0408z	25	Oct	2023	0.7m	Threat
NTT BELU U	0414z	25	Oct	2023	0.6m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0532z	25	Oct	2023	1.1m	Threat
LAMPUNG TANGGAMUS P.TABUAN	0541z	25	Oct	2023	1.3m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0544z	25	Oct	2023	1.3m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0545z	25	Oct	2023	0.9m	Threat
BENGKULU KAUR	0546z	25	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	0553z	25	Oct	2023	1.3m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0555z	25	Oct	2023	0.8m	Threat
BENGKULU BENGKULU-SELATAN	0556z	25	Oct	2023	0.8m	Threat
BANTEN PANDEGLANG U	0601z	25	Oct	2023	1.2m	Threat
BENGKULU SELUMA	0608z	25	Oct	2023	1.2m	Threat
BENGKULU BENGKULU-UTARA S	0631z	25	Oct	2023	1.2m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0632z	25	Oct	2023	0.9m	Threat
BANTEN SERANG B	0633z	25	Oct	2023	0.9m	Threat
BANTEN KOTA-CILEGON	0634z	25	Oct	2023	0.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0640z	25	Oct	2023	1.0m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	0645z	25	Oct	2023	0.9m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0659z	25	Oct	2023	1.0m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0714z	25	Oct	2023	1.4m	Threat
NTT FLORES-TIMUR P.SOLOR	0720z	25	Oct	2023	0.9m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0734z	25	Oct	2023	1.4m	Threat
NTT ENDE S	0754z	25	Oct	2023	1.0m	Threat
SUMBAR KOTA-PADANG U	0844z	25	Oct	2023	0.8m	Threat
MUARASIBERUT	0938z	25	Oct	2023	1.6m	Threat
NTT SIKKA S	1040z	25	Oct	2023	0.7m	Threat
LAMPUNG LAMPUNG-SELATAN B	1126z	25	Oct	2023	0.8m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	1152z	25	Oct	2023	0.9m	Threat
BENGKULU BENGKULU-UTARA U	1315z	25	Oct	2023	0.6m	Threat
SUMUT TAPANULI-SELATAN	1328z	25	Oct	2023	0.5m	Threat
SUMBAR PESISIR-SELATAN S	1517z	25	Oct	2023	0.6m	Threat
BENGKULU MUKOMUKO	1837z	25	Oct	2023	0.6m	Threat
NTT TIMOR-TENGAH-SELATAN	2151z	25	Oct	2023	0.5m	Threat
SUMUT MANDAILING-NATAL S	2333z	25	Oct	2023	0.5m	Threat
NIAS-EAST	0028z	26	Oct	2023	0.6m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	0033z	26	Oct	2023	0.6m	Threat
SUMUT TAPANULI-TENGAH S	0123z	26	Oct	2023	0.5m	Threat
SUMUT NIAS-SELATAN P.NIAS	0209z	26	Oct	2023	0.5m	Threat
MADAGASCAR						
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TOAMASINA AIRPORT	1305z	25	Oct	2023	1.7m	Threat
AMBAHY	1342z	25	Oct	2023	1.2m	Threat
MANANTENINA	1751z	25	Oct	2023	0.7m	Threat
TAMPOLO	1858z	25	Oct	2023	0.5m	Threat
FARAFAGANA	2132z	25	Oct	2023	0.6m	Threat
VOHEMAR	2134z	25	Oct	2023	0.6m	Threat
SAMPONA	0245z	26	Oct	2023	0.5m	Threat
MALDIVES						
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KULHUDUFFUSHI	1124z	25	Oct	2023	1.1m	Threat
DHIYAMIGILI	1305z	25	Oct	2023	0.9m	Threat
KOLHUFUSHI	1444z	25	Oct	2023	0.6m	Threat
MALE	2118z	25	Oct	2023	0.8m	Threat



GOIDHOO	0258z	26 Oct 2023	0.6m	Threat
MAURITIUS				
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CARGADOS CARAJOS	1617z	25 Oct 2023	0.6m	Threat
MOZAMBIQUE				
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MAGUEMBA	2231z	25 Oct 2023	0.6m	Threat
SOMALIA				
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TOOXIN	1505z	25 Oct 2023	0.7m	Threat
BANDER-BEYLA	2113z	25 Oct 2023	0.6m	Threat
EYL	0206z	26 Oct 2023	0.5m	Threat
SOUTH AFRICA				
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LUSIKISIKI	1818z	25 Oct 2023	1.0m	Threat
BIZANA	1937z	25 Oct 2023	0.6m	Threat
MOSSEL	2039z	25 Oct 2023	0.9m	Threat
LAKE SIBAYI	2137z	25 Oct 2023	0.8m	Threat
MANDI	2157z	25 Oct 2023	0.7m	Threat
KAYSERS BEACH	0009z	26 Oct 2023	0.6m	Threat
MARSHSTRAND	0115z	26 Oct 2023	0.6m	Threat
PORT DURNFORD	0122z	26 Oct 2023	0.5m	Threat
ELLIOTDALE	0228z	26 Oct 2023	0.6m	Threat
SRI LANKA				
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BATTICALOA	1229z	25 Oct 2023	0.8m	Threat
AKKARAI PATTU	1300z	25 Oct 2023	0.8m	Threat
GALLE	1445z	25 Oct 2023	0.5m	Threat
KIRINDA	1530z	25 Oct 2023	0.6m	Threat
HAMBANTOTA	1540z	25 Oct 2023	0.5m	Threat
MATARA	1543z	25 Oct 2023	0.5m	Threat
COLOMBO	1618z	25 Oct 2023	0.5m	Threat
KATTANKUDI	1831z	25 Oct 2023	0.6m	Threat
POTTUVIL	0037z	26 Oct 2023	0.5m	Threat
TIMOR-LESTE				
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PANTE MACASSAR	0402z	25 Oct 2023	0.6m	Threat
BOBONARO	1521z	25 Oct 2023	0.5m	Threat
YEMEN				
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SOCOTRA ISLAND SOUTH	1944z	25 Oct 2023	0.6m	Threat
AL GHAYDAH AIRPORT	0028z	26 Oct 2023	0.5m	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](mailto:tsunami@incois.gov.in)

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

END OF BULLETIN

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

# 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 0230 UTC WEDNESDAY 25 OCTOBER 2023  
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... 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: 9.1 Mwp (UPDATED)  
Depth: 10 km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

LOCATION	LAT	LON	TIME	DATE	AMPL
-----	-----	-----	-----	-----	-----
Benoa (INDONESIA)	8.75S	115.22E	0226z	25 Oct 2023	11.7m
Christmas Island (AUSTRALIA)	10.4S	105.67E	0229z	25 Oct 2023	1.1m

## 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

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CHRISTMAS ISLAND          0229z  25 Oct 2023  0.9m  Threat  
NINGALOO COAST           0415z  25 Oct 2023  8.4m  Threat  
PILBARA COAST WEST       0421z  25 Oct 2023  4.5m  Threat  
WEST KIMBERLY COAST      0439z  25 Oct 2023  2.4m  Threat  
PILBARA COAST EAST       0444z  25 Oct 2023  4.0m  Threat  
GASCOYNE COAST          0504z  25 Oct 2023  3.2m  Threat  
NORTH KIMBERLY COAST     0515z  25 Oct 2023  1.8m  Threat
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GERALDTON COAST	0522z	25 Oct 2023	2.4m	Threat
LANCELIN COAST	0554z	25 Oct 2023	1.2m	Threat
PERTH COAST	0559z	25 Oct 2023	1.5m	Threat
BUNBURY GEOGRAPHE COAST	0621z	25 Oct 2023	1.6m	Threat
LEEUVIN COAST	0624z	25 Oct 2023	1.2m	Threat
ASHMORE REEF	0940z	25 Oct 2023	0.8m	Threat
BEAGLE BONAPARTE COAST	0958z	25 Oct 2023	1.0m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1145z	25 Oct 2023	2.1m	Threat
AURORA BANK	1235z	25 Oct 2023	0.9m	Threat
ALBANY COAST	1456z	25 Oct 2023	0.8m	Threat
NORTH TIWI COAST	1916z	25 Oct 2023	0.8m	Threat
ESPERENCE COAST	2229z	25 Oct 2023	0.6m	Threat
EUCLA COAST	0112z	26 Oct 2023	0.5m	Threat
ARAFURA COAST	0211z	26 Oct 2023	0.7m	Threat
SOUTH CENTRAL COAST SA	0240z	26 Oct 2023	0.6m	Threat

FRANCE

LLE SAINT-PAUL-SOUTH	0929z	25 Oct 2023	0.7m	Threat
SAINT - JOSEPH	1112z	25 Oct 2023	0.6m	Threat
ILE KERGUELEN	1120z	25 Oct 2023	2.2m	Threat
CROZET PLATEAU	1237z	25 Oct 2023	0.8m	Threat
ILE DE LA POSSESSION	1315z	25 Oct 2023	1.1m	Threat
NES CROZET	1549z	25 Oct 2023	0.5m	Threat
LLE SAINT-PAUL-NORTH	1707z	25 Oct 2023	0.5m	Threat

INDIA

MAHABALIPURAM	1003z	25 Oct 2023	0.9m	Threat
MACHILIPATNAM	1042z	25 Oct 2023	0.8m	Threat
KOTTAPATNAM	1054z	25 Oct 2023	1.2m	Threat
ENNORE	1059z	25 Oct 2023	1.4m	Threat
NIJAMPATTANAM	1101z	25 Oct 2023	1.2m	Threat
KAKINADA	1104z	25 Oct 2023	0.7m	Threat
VISAKHAPATNAM	1105z	25 Oct 2023	0.8m	Threat
KANYAKUMARI	1107z	25 Oct 2023	1.0m	Threat
TUTICORIN	1115z	25 Oct 2023	1.0m	Threat
RAMESWARAM	1120z	25 Oct 2023	1.1m	Threat
KOODANKULAM	1120z	25 Oct 2023	0.9m	Threat
ALLEPPEY ALAPPUZHA	1150z	25 Oct 2023	0.7m	Threat
SRIHARIKOTA	1426z	25 Oct 2023	1.0m	Threat
AGATTI	1447z	25 Oct 2023	0.6m	Threat
COCHIN	1458z	25 Oct 2023	0.6m	Threat
KARAIKAL	1505z	25 Oct 2023	0.7m	Threat
CHENNAI	1513z	25 Oct 2023	1.1m	Threat
JAMBOO	1546z	25 Oct 2023	0.8m	Threat
PUDUCHERRY	1555z	25 Oct 2023	0.6m	Threat
KANNUR	1613z	25 Oct 2023	0.6m	Threat
BEYPORE	1623z	25 Oct 2023	0.6m	Threat
VAKKAD	1644z	25 Oct 2023	0.5m	Threat
QUILON	1647z	25 Oct 2023	0.5m	Threat
KOMATRA & KATCHAL ISLAND	1720z	25 Oct 2023	0.8m	Threat
INDIRA POINT	1726z	25 Oct 2023	0.6m	Threat
CAR NICOBAR	1735z	25 Oct 2023	0.6m	Threat
POOMBUHAR	1753z	25 Oct 2023	0.6m	Threat
KOTTAIPPATTANAM	1757z	25 Oct 2023	0.8m	Threat
PERUPALEM	1831z	25 Oct 2023	0.7m	Threat
DHAMRA	1848z	25 Oct 2023	0.7m	Threat
DIGHA	1904z	25 Oct 2023	0.5m	Threat

NAGAPATTINAM	1933z	25	Oct	2023	0.7m	Threat
MAHE	1934z	25	Oct	2023	0.5m	Threat
NORTH SENTINEL ISLAND	1937z	25	Oct	2023	0.9m	Threat
LITTLE ANDAMAN	1937z	25	Oct	2023	0.7m	Threat
KALINGAPATNAM	1946z	25	Oct	2023	0.8m	Threat
CUDDALORE	2004z	25	Oct	2023	0.6m	Threat
MARAKKANAM	2006z	25	Oct	2023	0.7m	Threat
PURI	2048z	25	Oct	2023	0.8m	Threat
PORT BLAIR	2107z	25	Oct	2023	0.9m	Threat
VADANAPPALLY	2250z	25	Oct	2023	0.6m	Threat
MUTHUPET	2331z	25	Oct	2023	0.6m	Threat
MALLIPATTINAM	2342z	25	Oct	2023	0.6m	Threat
KONADA	2352z	25	Oct	2023	0.8m	Threat
WEST & LANDFALL ISLAND	0057z	26	Oct	2023	0.5m	Threat
GOPALPUR	0235z	26	Oct	2023	0.8m	Threat

INDONESIA

BALI BADUNG PANTAI-KUTA	0202z	25	Oct	2023	4.4m	Threat
BALI DENPASAR PANTAI-SANUR	0202z	25	Oct	2023	5.0m	Threat
JATENG PURWOREJO	0202z	25	Oct	2023	8.8m	Threat
JATIM TULUNGAGUNG	0202z	25	Oct	2023	7.6m	Threat
JATIM BANYUWANGI S	0203z	25	Oct	2023	4.9m	Threat
NTB KOTA-BIMA S	0203z	25	Oct	2023	3.3m	Threat
NTB SUMBAWA S	0203z	25	Oct	2023	3.5m	Threat
JATIM MALANG	0203z	25	Oct	2023	8.0m	Threat
JATIM JEMBER P.NUSABARUNG	0203z	25	Oct	2023	6.9m	Threat
NTB DOMPU S	0204z	25	Oct	2023	1.5m	Threat
NTB SUMBAWA B	0204z	25	Oct	2023	4.2m	Threat
JABAR CIAMIS	0204z	25	Oct	2023	5.8m	Threat
JATENG WONOGIRI	0204z	25	Oct	2023	9.2m	Threat
JATIM PACITAN	0204z	25	Oct	2023	8.9m	Threat
JATIM BLITAR	0204z	25	Oct	2023	8.8m	Threat
JATIM LUMAJANG	0204z	25	Oct	2023	5.8m	Threat
NTB LOMBOK-TENGAH	0204z	25	Oct	2023	3.0m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	0205z	25	Oct	2023	3.2m	Threat
NTB LOMBOK-TIMUR S	0205z	25	Oct	2023	2.7m	Threat
JATENG CILACAP	0205z	25	Oct	2023	6.7m	Threat
DIY KULON-PROGO	0205z	25	Oct	2023	9.3m	Threat
JATIM JEMBER	0206z	25	Oct	2023	9.0m	Threat
JATENG KEBUMEN	0206z	25	Oct	2023	6.7m	Threat
DIY BANTUL	0206z	25	Oct	2023	7.3m	Threat
DIY GUNUNG-KIDUL	0206z	25	Oct	2023	11.9m	Threat
JATIM TRENGGALEK	0206z	25	Oct	2023	8.3m	Threat
NTB LOMBOK-BARAT S	0206z	25	Oct	2023	2.9m	Threat
NTT SUMBA B	0207z	25	Oct	2023	2.8m	Threat
BALI TABANAN	0207z	25	Oct	2023	3.6m	Threat
JABAR TASIKMALAYA	0215z	25	Oct	2023	3.8m	Threat
JABAR GARUT	0220z	25	Oct	2023	3.2m	Threat
NTT MANGGARAI-BARAT P.	0220z	25	Oct	2023	2.9m	Threat
NTT SUMBA T	0221z	25	Oct	2023	3.5m	Threat
JABAR CIANJUR SINDANGBARANG	0222z	25	Oct	2023	2.7m	Threat
JABAR SUKABUMI UJUNG-GENTENG	0229z	25	Oct	2023	2.6m	Threat
NTT MANGGARAI-BARAT S	0230z	25	Oct	2023	2.4m	Threat
NTT MANGGARAI S	0239z	25	Oct	2023	1.9m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0240z	25	Oct	2023	3.3m	Threat
BANTEN LEBAK	0243z	25	Oct	2023	2.3m	Threat
BANTEN PANDEGLANG S	0244z	25	Oct	2023	2.3m	Threat
NTT KUPANG	0244z	25	Oct	2023	1.8m	Threat

BANTEN PANDEGLANG P.PANAITAN	0252z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS B	0301z	25 Oct 2023	2.4m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0309z	25 Oct 2023	2.5m	Threat
LAMPUNG TANGGAMUS P.TABUAN	0310z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS T	0310z	25 Oct 2023	2.2m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0311z	25 Oct 2023	2.3m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	0313z	25 Oct 2023	2.6m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0313z	25 Oct 2023	1.9m	Threat
BANTEN PANDEGLANG U	0315z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-SELATAN B	0318z	25 Oct 2023	1.3m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0318z	25 Oct 2023	2.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0321z	25 Oct 2023	2.7m	Threat
NTT ROTENDAO	0322z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0326z	25 Oct 2023	1.5m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0327z	25 Oct 2023	2.3m	Threat
NTB BIMA P.GILI	0328z	25 Oct 2023	1.4m	Threat
BENGKULU KAUR	0329z	25 Oct 2023	1.9m	Threat
PANTE MACASSAR	0334z	25 Oct 2023	1.3m	Threat
BENGKULU BENGKULU-SELATAN	0334z	25 Oct 2023	1.2m	Threat
NTT KOTA-KUPANG	0335z	25 Oct 2023	1.7m	Threat
NTT LEMBATA S	0338z	25 Oct 2023	1.2m	Threat
NTT ALOR S	0340z	25 Oct 2023	1.3m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	0342z	25 Oct 2023	1.6m	Threat
BANTEN SERANG B	0345z	25 Oct 2023	1.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0346z	25 Oct 2023	2.2m	Threat
NTT BELU U	0346z	25 Oct 2023	0.9m	Threat
NTT NGADA S	0347z	25 Oct 2023	1.2m	Threat
BENGKULU SELUMA	0352z	25 Oct 2023	2.1m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0354z	25 Oct 2023	3.2m	Threat
NTT ENDE S	0359z	25 Oct 2023	1.3m	Threat
BANTEN KOTA-CILEGON	0359z	25 Oct 2023	2.2m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0402z	25 Oct 2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	0408z	25 Oct 2023	1.9m	Threat
NTT SIKKA S	0408z	25 Oct 2023	1.0m	Threat
BENGKULU BENGKULU-UTARA U	0411z	25 Oct 2023	1.0m	Threat
NTT FLORES-TIMUR S	0413z	25 Oct 2023	1.6m	Threat
NTT FLORES-TIMUR P.SOLOR	0450z	25 Oct 2023	1.1m	Threat
MUARASIBERUT	0457z	25 Oct 2023	1.5m	Threat
SUMBAR PESISIR-SELATAN S	0505z	25 Oct 2023	0.8m	Threat
SUMBAR KOTA-PADANG U	0524z	25 Oct 2023	0.6m	Threat
SUMBAR PADANG-PARIAMAN U	0525z	25 Oct 2023	0.6m	Threat
SUMBAR AGAM	0543z	25 Oct 2023	0.8m	Threat
SUMBAR KOTA-PARIAMAN	0548z	25 Oct 2023	0.7m	Threat
NIAS-EAST	0552z	25 Oct 2023	0.9m	Threat
SUMBAR KOTA-PADANG U	0553z	25 Oct 2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0607z	25 Oct 2023	1.6m	Threat
BENGKULU MUKOMUKO	0627z	25 Oct 2023	1.1m	Threat
SUMUT MANDAILING-NATAL S	0837z	25 Oct 2023	0.8m	Threat
NTT TIMOR-TENGAH-SELATAN	0910z	25 Oct 2023	0.8m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0912z	25 Oct 2023	1.4m	Threat
NAD ACEH-SELATAN S	0915z	25 Oct 2023	0.7m	Threat
SUMUT MANDAILING-NATAL U	0936z	25 Oct 2023	0.7m	Threat
SUMUT TAPANULI-SELATAN	1051z	25 Oct 2023	0.9m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1056z	25 Oct 2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	1101z	25 Oct 2023	1.0m	Threat
SUMUT TAPANULI-TENGAH U	1157z	25 Oct 2023	1.0m	Threat
NAD SIMEULUE P.SIMEULUE	1227z	25 Oct 2023	0.8m	Threat
NAD ACEH-BARAT-DAYA	1236z	25 Oct 2023	0.7m	Threat
NAD ACEH-SELATAN U	1238z	25 Oct 2023	0.6m	Threat

SUMUT NIAS B	1254z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.TANABALA	1259z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	1324z	25	Oct	2023	0.7m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1410z	25	Oct	2023	0.6m	Threat
NAD NAGAN-RAYA	1623z	25	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN U	1734z	25	Oct	2023	0.7m	Threat
NIAS	1739z	25	Oct	2023	0.8m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	1908z	25	Oct	2023	0.6m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	1917z	25	Oct	2023	0.7m	Threat
SUMBAR KOTA-PADANG S	1919z	25	Oct	2023	0.6m	Threat
NAD ACEH-JAYA	2202z	25	Oct	2023	0.5m	Threat
NIAS-NORTH	2204z	25	Oct	2023	0.5m	Threat
NAD ACEH-BARAT	2213z	25	Oct	2023	0.8m	Threat
NAD ACEH-BESAR B	2214z	25	Oct	2023	0.5m	Threat
NAD ACEH-SINGKIL	2316z	25	Oct	2023	0.6m	Threat
SOUTH OF BODAHAYIONE	2313z	25	Oct	2023	0.6m	Threat
NAD ACEH-BESAR P.BREUEH	0156z	26	Oct	2023	0.8m	Threat
GUNUNGSITOLI	0215z	26	Oct	2023	0.5m	Threat
SUMBAR PADANG-PARIAMAN S	0245z	26	Oct	2023	0.5m	Threat

KENYA

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MALINDI	2206z	25	Oct	2023	0.8m	Threat
KISIMACHANDE	0120z	26	Oct	2023	0.8m	Threat
MVULENI	0146z	26	Oct	2023	0.6m	Threat
KIPINI	0150z	26	Oct	2023	0.6m	Threat
KIWAYU	0205z	26	Oct	2023	0.5m	Threat

MADAGASCAR

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TOAMASINA AIRPORT	1124z	25	Oct	2023	2.0m	Threat
AMBAHY	1130z	25	Oct	2023	2.6m	Threat
MANANTENINA	1143z	25	Oct	2023	1.2m	Threat
TAMPOLO	1144z	25	Oct	2023	0.8m	Threat
VOHEMAR	1300z	25	Oct	2023	1.0m	Threat
FARAFAGANA	1329z	25	Oct	2023	1.1m	Threat
SAMPONA	1736z	25	Oct	2023	1.2m	Threat

MALDIVES

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KULHUDUFFUSHI	0756z	25	Oct	2023	1.1m	Threat
DHIYAMIGILI	0845z	25	Oct	2023	1.2m	Threat
KOLHUFUSHI	1004z	25	Oct	2023	0.9m	Threat
THINADHOO	1025z	25	Oct	2023	0.8m	Threat
NILANDHOO	1143z	25	Oct	2023	0.9m	Threat
MALE	1150z	25	Oct	2023	1.0m	Threat
FERIDHOO	1501z	25	Oct	2023	1.0m	Threat
GOIDHOO	1644z	25	Oct	2023	0.7m	Threat

MAURITIUS

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LA FERME	1124z	25	Oct	2023	0.7m	Threat
GRANDE REVIERE SUD EST-EAST	1129z	25	Oct	2023	0.8m	Threat
CARGADOS CARAJOS	1225z	25	Oct	2023	0.8m	Threat

MOZAMBIQUE

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MAGUEMBA	1629z	25	Oct	2023	0.8m	Threat
MALUANA	1937z	25	Oct	2023	0.9m	Threat

TAVARI	2221z	25 Oct 2023	0.7m	Threat
MAPUTO	2249z	25 Oct 2023	0.5m	Threat
ZAVALA	2257z	25 Oct 2023	0.6m	Threat
MOGINCUAL	2331z	25 Oct 2023	0.6m	Threat
OCONE	2344z	25 Oct 2023	0.5m	Threat
INHASSORO	2359z	25 Oct 2023	0.5m	Threat
VILA DO CHINDE	0005z	26 Oct 2023	0.6m	Threat
NOVA LUSITANIA	0019z	26 Oct 2023	0.6m	Threat
MAIONGUE	0056z	26 Oct 2023	0.5m	Threat
XAI-XAI	0226z	26 Oct 2023	0.7m	Threat
MYANMAR				
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CHEDUBA ISLAND	2216z	25 Oct 2023	0.5m	Threat
MAWYEN	0218z	26 Oct 2023	0.5m	Threat
OMAN				
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SALALAH	1443z	25 Oct 2023	0.9m	Threat
HASIK	2351z	25 Oct 2023	0.5m	Threat
MIRBAT	0021z	26 Oct 2023	0.5m	Threat
AD DUQM	0141z	26 Oct 2023	0.6m	Threat
SEYCHELLES				
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FREGATE ISLAND	1354z	25 Oct 2023	0.8m	Threat
TAKAMAKA	1658z	25 Oct 2023	0.7m	Threat
SOMALIA				
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BANDER-BEYLA	1414z	25 Oct 2023	0.8m	Threat
TOOXIN	1418z	25 Oct 2023	1.2m	Threat
XARARDHEERE	1434z	25 Oct 2023	0.8m	Threat
ABO	1737z	25 Oct 2023	0.5m	Threat
NE BEERNAASI	1745z	25 Oct 2023	0.6m	Threat
GALDOGOB	2100z	25 Oct 2023	0.6m	Threat
CEEL DHEER	2332z	25 Oct 2023	0.5m	Threat
JARIIBAN	2340z	25 Oct 2023	0.6m	Threat
MAREEG	0007z	26 Oct 2023	0.6m	Threat
EYL	0134z	26 Oct 2023	0.6m	Threat
SOUTH AFRICA				
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LAKE SIBAYI	1559z	25 Oct 2023	1.0m	Threat
WILLOWVALE	1656z	25 Oct 2023	0.7m	Threat
LUSIKISIKI	1709z	25 Oct 2023	1.1m	Threat
MARSHSTRAND	1718z	25 Oct 2023	1.1m	Threat
KAYSERS BEACH	1721z	25 Oct 2023	0.7m	Threat
MANDI	1732z	25 Oct 2023	0.8m	Threat
FUNK SEAMOUNT	1747z	25 Oct 2023	0.7m	Threat
BIZANA	1802z	25 Oct 2023	0.8m	Threat
PORT ELIZABETH	1813z	25 Oct 2023	1.0m	Threat
ALEXANDRIA	1906z	25 Oct 2023	0.8m	Threat
KOSIMEER	1921z	25 Oct 2023	0.9m	Threat
KENTANI	1925z	25 Oct 2023	0.9m	Threat
MARGATE	1930z	25 Oct 2023	0.5m	Threat
MOSSEL	2029z	25 Oct 2023	1.4m	Threat
PORT DURNFORD	2129z	25 Oct 2023	0.6m	Threat
WITAAND	2218z	25 Oct 2023	0.6m	Threat



BREDASDORP	2229z	25	Oct	2023	0.9m	Threat
PEDDIE	2321z	25	Oct	2023	0.8m	Threat
BATHURST	2343z	25	Oct	2023	0.5m	Threat
ZIKHOVA	0028z	26	Oct	2023	0.5m	Threat
GEORGE	0046z	26	Oct	2023	0.5m	Threat
ABORETUM	0130z	26	Oct	2023	0.6m	Threat
ELLIOTDALE	0138z	26	Oct	2023	0.5m	Threat
HEIDELBERG	0209z	26	Oct	2023	0.7m	Threat

SRI LANKA

KATTANKUDI	0916z	25	Oct	2023	1.0m	Threat
HAMBANTOTA	0930z	25	Oct	2023	0.9m	Threat
AKKARAI Pattu	0939z	25	Oct	2023	1.3m	Threat
BATTICALOA	0940z	25	Oct	2023	1.1m	Threat
PANKULAM	1014z	25	Oct	2023	0.6m	Threat
MULLAITTIVU	1118z	25	Oct	2023	0.6m	Threat
KIRINDA	1241z	25	Oct	2023	0.8m	Threat
OKANDA	1404z	25	Oct	2023	1.0m	Threat
MORATUWA	1437z	25	Oct	2023	0.6m	Threat
MUSALI	1453z	25	Oct	2023	0.8m	Threat
COLOMBO	1500z	25	Oct	2023	0.8m	Threat
MANNAR ISLAND	1518z	25	Oct	2023	0.7m	Threat
POTTUVIL	1525z	25	Oct	2023	0.8m	Threat
MATARA	1534z	25	Oct	2023	0.6m	Threat
MUNDAL LAKE	1726z	25	Oct	2023	0.7m	Threat
GALLE	1745z	25	Oct	2023	0.7m	Threat
CHAVAKACHCHERI	1805z	25	Oct	2023	0.5m	Threat
TANGALLE	1835z	25	Oct	2023	0.5m	Threat
NEGOMBO	2017z	25	Oct	2023	0.6m	Threat
CHUNDIKKULAM	2047z	25	Oct	2023	0.7m	Threat
BERUWALA	2238z	25	Oct	2023	0.5m	Threat
POINT PEDRO	2304z	25	Oct	2023	0.7m	Threat
AMBALANGODA	2334z	25	Oct	2023	0.6m	Threat
ANAITIVU	0014z	26	Oct	2023	0.5m	Threat

TANZANIA

WEST TO KONDE	1628z	25	Oct	2023	0.8m	Threat
BAGAMOYO	0133z	26	Oct	2023	0.7m	Threat
BOMALANDNI	0142z	26	Oct	2023	0.6m	Threat
VUMBA	0211z	26	Oct	2023	0.6m	Threat

THAILAND

THAI MUEANG_TAKUA PA	0032z	26	Oct	2023	0.5m	Threat
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TIMOR-LESTE

PANTE MACASSAR	0336z	25	Oct	2023	0.9m	Threat
BOBONARO	0449z	25	Oct	2023	1.0m	Threat
LIQUICA	0739z	25	Oct	2023	0.6m	Threat
COVALIMA	1534z	25	Oct	2023	0.6m	Threat

UNITED KINGDOM

MORESBY ISLAND	1026z	25	Oct	2023	0.6m	Threat
DIEGO GARCIA	1213z	25	Oct	2023	0.5m	Threat

YEMEN

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SOCOTRA ISLAND SOUTH 1354z 25 Oct 2023 0.8m Threat  
SOCOTRA ISLAND NORTH 1443z 25 Oct 2023 0.8m Threat  
AL GHAYDAH AIRPORT 1623z 25 Oct 2023 0.9m Threat  
HUSWAYN 1742z 25 Oct 2023 0.9m Threat  
DAMQAWT 1827z 25 Oct 2023 0.8m 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](mailto:tsunami@incois.gov.in)  
Web: [www.incois.gov.in](http://www.incois.gov.in)

END OF BULLETIN

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

# 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 0300 UTC WEDNESDAY 25 OCTOBER 2023  
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... 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: 9.1 Mwp (UPDATED)  
Depth: 10 km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

LOCATION	LAT	LON	TIME	DATE	AMPL
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Benoa (INDONESIA)	8.75S	115.22E	0226z	25 Oct 2023	11.7m
Christmas Island (AUSTRALIA)	10.4S	105.67E	0229z	25 Oct 2023	1.1m
DART 56001 (AUSTRALIA)	13.9S	110.00E	0236z	25 Oct 2023	2.2m
Prigi (INDONESIA)	8.28S	111.73E	0236z	25 Oct 2023	9.0m
Waikelo (INDONESIA)	9.39S	119.22E	0247z	25 Oct 2023	5.2m

## 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

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CHRISTMAS ISLAND 0229z 25 Oct 2023 0.9m Threat  
NINGALOO COAST 0415z 25 Oct 2023 8.4m Threat  
PILBARA COAST WEST 0421z 25 Oct 2023 4.5m Threat  
WEST KIMBERLY COAST 0439z 25 Oct 2023 2.4m Threat  
PILBARA COAST EAST 0444z 25 Oct 2023 4.0m Threat

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GASCOYNE COAST	0504z	25 Oct 2023	3.2m	Threat
NORTH KIMBERLY COAST	0515z	25 Oct 2023	1.8m	Threat
GERALDTON COAST	0522z	25 Oct 2023	2.4m	Threat
LANCELIN COAST	0554z	25 Oct 2023	1.2m	Threat
PERTH COAST	0559z	25 Oct 2023	1.5m	Threat
BUNBURY GEOGRAPHE COAST	0621z	25 Oct 2023	1.6m	Threat
LEEWIN COAST	0624z	25 Oct 2023	1.2m	Threat
ASHMORE REEF	0940z	25 Oct 2023	0.8m	Threat
BEAGLE BONAPARTE COAST	0958z	25 Oct 2023	1.0m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1145z	25 Oct 2023	2.1m	Threat
AURORA BANK	1235z	25 Oct 2023	0.9m	Threat
ALBANY COAST	1456z	25 Oct 2023	0.8m	Threat
NORTH TIWI COAST	1916z	25 Oct 2023	0.8m	Threat
ESPERENCE COAST	2229z	25 Oct 2023	0.6m	Threat
EUCIA COAST	0112z	26 Oct 2023	0.5m	Threat
ARAFURA COAST	0211z	26 Oct 2023	0.7m	Threat
SOUTH CENTRAL COAST SA	0240z	26 Oct 2023	0.6m	Threat

FRANCE

LLE SAINT-PAUL-SOUTH	0929z	25 Oct 2023	0.7m	Threat
SAINT - JOSEPH	1112z	25 Oct 2023	0.6m	Threat
ILE KERGUELEN	1120z	25 Oct 2023	2.2m	Threat
CROZET PLATEAU	1237z	25 Oct 2023	0.8m	Threat
ILE DE LA POSSESSION	1315z	25 Oct 2023	1.1m	Threat
NES CROZET	1549z	25 Oct 2023	0.5m	Threat
LLE SAINT-PAUL-NORTH	1707z	25 Oct 2023	0.5m	Threat

INDIA

MAHABALIPURAM	1003z	25 Oct 2023	0.9m	Threat
MACHILIPATNAM	1042z	25 Oct 2023	0.8m	Threat
KOTTAPATNAM	1054z	25 Oct 2023	1.2m	Threat
ENNORE	1059z	25 Oct 2023	1.4m	Threat
NIJAMPATTANAM	1101z	25 Oct 2023	1.2m	Threat
KAKINADA	1104z	25 Oct 2023	0.7m	Threat
VISAKHAPATNAM	1105z	25 Oct 2023	0.8m	Threat
KANYAKUMARI	1107z	25 Oct 2023	1.0m	Threat
TUTICORIN	1115z	25 Oct 2023	1.0m	Threat
RAMESWARAM	1120z	25 Oct 2023	1.1m	Threat
KOODANKULAM	1120z	25 Oct 2023	0.9m	Threat
ALLEPPEY ALAPPUZHA	1150z	25 Oct 2023	0.7m	Threat
SRIHARIKOTA	1426z	25 Oct 2023	1.0m	Threat
AGATTI	1447z	25 Oct 2023	0.6m	Threat
COCHIN	1458z	25 Oct 2023	0.6m	Threat
KARAIKAL	1505z	25 Oct 2023	0.7m	Threat
CHENNAI	1513z	25 Oct 2023	1.1m	Threat
JAMBOO	1546z	25 Oct 2023	0.8m	Threat
PUDUCHERRY	1555z	25 Oct 2023	0.6m	Threat
KANNUR	1613z	25 Oct 2023	0.6m	Threat
BEYPORE	1623z	25 Oct 2023	0.6m	Threat
VAKKAD	1644z	25 Oct 2023	0.5m	Threat
QUILON	1647z	25 Oct 2023	0.5m	Threat
KOMATRA & KATCHAL ISLAND	1720z	25 Oct 2023	0.8m	Threat
INDIRA POINT	1726z	25 Oct 2023	0.6m	Threat
CAR NICOBAR	1735z	25 Oct 2023	0.6m	Threat
POOMBUHAR	1753z	25 Oct 2023	0.6m	Threat
KOTTAIPPATTANAM	1757z	25 Oct 2023	0.8m	Threat
PERUPALEM	1831z	25 Oct 2023	0.7m	Threat

DHAMRA	1848z	25	Oct	2023	0.7m	Threat
DIGHA	1904z	25	Oct	2023	0.5m	Threat
NAGAPATTINAM	1933z	25	Oct	2023	0.7m	Threat
MAHE	1934z	25	Oct	2023	0.5m	Threat
NORTH SENTINEL ISLAND	1937z	25	Oct	2023	0.9m	Threat
LITTLE ANDAMAN	1937z	25	Oct	2023	0.7m	Threat
KALINGAPATNAM	1946z	25	Oct	2023	0.8m	Threat
CUDDALORE	2004z	25	Oct	2023	0.6m	Threat
MARAKKANAM	2006z	25	Oct	2023	0.7m	Threat
PURI	2048z	25	Oct	2023	0.8m	Threat
PORT BLAIR	2107z	25	Oct	2023	0.9m	Threat
VADANAPPALLY	2250z	25	Oct	2023	0.6m	Threat
MUTHUPET	2331z	25	Oct	2023	0.6m	Threat
MALLIPATTINAM	2342z	25	Oct	2023	0.6m	Threat
KONADA	2352z	25	Oct	2023	0.8m	Threat
WEST & LANDFALL ISLAND	0057z	26	Oct	2023	0.5m	Threat
GOPALPUR	0235z	26	Oct	2023	0.8m	Threat

INDONESIA

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BALI BADUNG PANTAI-KUTA	0202z	25	Oct	2023	4.4m	Threat
BALI DENPASAR PANTAI-SANUR	0202z	25	Oct	2023	5.0m	Threat
JATENG PURWOREJO	0202z	25	Oct	2023	8.8m	Threat
JATIM TULUNGAGUNG	0202z	25	Oct	2023	7.6m	Threat
JATIM BANYUWANGI S	0203z	25	Oct	2023	4.9m	Threat
NTB KOTA-BIMA S	0203z	25	Oct	2023	3.3m	Threat
NTB SUMBAWA S	0203z	25	Oct	2023	3.5m	Threat
JATIM MALANG	0203z	25	Oct	2023	8.0m	Threat
JATIM JEMBER P.NUSABARUNG	0203z	25	Oct	2023	6.9m	Threat
NTB DOMPU S	0204z	25	Oct	2023	1.5m	Threat
NTB SUMBAWA B	0204z	25	Oct	2023	4.2m	Threat
JABAR CIAMIS	0204z	25	Oct	2023	5.8m	Threat
JATENG WONOGIRI	0204z	25	Oct	2023	9.2m	Threat
JATIM PACITAN	0204z	25	Oct	2023	8.9m	Threat
JATIM BLITAR	0204z	25	Oct	2023	8.8m	Threat
JATIM LUMAJANG	0204z	25	Oct	2023	5.8m	Threat
NTB LOMBOK-TENGAH	0204z	25	Oct	2023	3.0m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	0205z	25	Oct	2023	3.2m	Threat
NTB LOMBOK-TIMUR S	0205z	25	Oct	2023	2.7m	Threat
JATENG CILACAP	0205z	25	Oct	2023	6.7m	Threat
DIY KULON-PROGO	0205z	25	Oct	2023	9.3m	Threat
JATIM JEMBER	0206z	25	Oct	2023	9.0m	Threat
JATENG KEBUMEN	0206z	25	Oct	2023	6.7m	Threat
DIY BANTUL	0206z	25	Oct	2023	7.3m	Threat
DIY GUNUNG-KIDUL	0206z	25	Oct	2023	11.9m	Threat
JATIM TRENGGALEK	0206z	25	Oct	2023	8.3m	Threat
NTB LOMBOK-BARAT S	0206z	25	Oct	2023	2.9m	Threat
NTT SUMBA B	0207z	25	Oct	2023	2.8m	Threat
BALI TABANAN	0207z	25	Oct	2023	3.6m	Threat
JABAR TASIKMALAYA	0215z	25	Oct	2023	3.8m	Threat
JABAR GARUT	0220z	25	Oct	2023	3.2m	Threat
NTT MANGGARAI-BARAT P.	0220z	25	Oct	2023	2.9m	Threat
NTT SUMBA T	0221z	25	Oct	2023	3.5m	Threat
JABAR CIANJUR SINDANGBARANG	0222z	25	Oct	2023	2.7m	Threat
JABAR SUKABUMI UJUNG-GENTENG	0229z	25	Oct	2023	2.6m	Threat
NTT MANGGARAI-BARAT S	0230z	25	Oct	2023	2.4m	Threat
NTT MANGGARAI S	0239z	25	Oct	2023	1.9m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0240z	25	Oct	2023	3.3m	Threat
BANTEN LEBAK	0243z	25	Oct	2023	2.3m	Threat

BANTEN PANDEGLANG S	0244z	25 Oct 2023	2.3m	Threat
NTT KUPANG	0244z	25 Oct 2023	1.8m	Threat
BANTEN PANDEGLANG P.PANAITAN	0252z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS B	0301z	25 Oct 2023	2.4m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0309z	25 Oct 2023	2.5m	Threat
LAMPUNG TANGGAMUS P.TABUAN	0310z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS T	0310z	25 Oct 2023	2.2m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0311z	25 Oct 2023	2.3m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	0313z	25 Oct 2023	2.6m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0313z	25 Oct 2023	1.9m	Threat
BANTEN PANDEGLANG U	0315z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-SELATAN B	0318z	25 Oct 2023	1.3m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0318z	25 Oct 2023	2.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0321z	25 Oct 2023	2.7m	Threat
NTT ROTENDAO	0322z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0326z	25 Oct 2023	1.5m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0327z	25 Oct 2023	2.3m	Threat
NTB BIMA P.GILI	0328z	25 Oct 2023	1.4m	Threat
BENGKULU KAUR	0329z	25 Oct 2023	1.9m	Threat
PANTE MACASSAR	0334z	25 Oct 2023	1.3m	Threat
BENGKULU BENGKULU-SELATAN	0334z	25 Oct 2023	1.2m	Threat
NTT KOTA-KUPANG	0335z	25 Oct 2023	1.7m	Threat
NTT LEMBATA S	0338z	25 Oct 2023	1.2m	Threat
NTT ALOR S	0340z	25 Oct 2023	1.3m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	0342z	25 Oct 2023	1.6m	Threat
BANTEN SERANG B	0345z	25 Oct 2023	1.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0346z	25 Oct 2023	2.2m	Threat
NTT BELU U	0346z	25 Oct 2023	0.9m	Threat
NTT NGADA S	0347z	25 Oct 2023	1.2m	Threat
BENGKULU SELUMA	0352z	25 Oct 2023	2.1m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0354z	25 Oct 2023	3.2m	Threat
NTT ENDE S	0359z	25 Oct 2023	1.3m	Threat
BANTEN KOTA-CILEGON	0359z	25 Oct 2023	2.2m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0402z	25 Oct 2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	0408z	25 Oct 2023	1.9m	Threat
NTT SIKKA S	0408z	25 Oct 2023	1.0m	Threat
BENGKULU BENGKULU-UTARA U	0411z	25 Oct 2023	1.0m	Threat
NTT FLORES-TIMUR S	0413z	25 Oct 2023	1.6m	Threat
NTT FLORES-TIMUR P.SOLOR	0450z	25 Oct 2023	1.1m	Threat
MUARASIBERUT	0457z	25 Oct 2023	1.5m	Threat
SUMBAR PESISIR-SELATAN S	0505z	25 Oct 2023	0.8m	Threat
SUMBAR KOTA-PADANG U	0524z	25 Oct 2023	0.6m	Threat
SUMBAR PADANG-PARIAMAN U	0525z	25 Oct 2023	0.6m	Threat
SUMBAR AGAM	0543z	25 Oct 2023	0.8m	Threat
SUMBAR KOTA-PARIAMAN	0548z	25 Oct 2023	0.7m	Threat
NIAS-EAST	0552z	25 Oct 2023	0.9m	Threat
SUMBAR KOTA-PADANG U	0553z	25 Oct 2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0607z	25 Oct 2023	1.6m	Threat
BENGKULU MUKOMUKO	0627z	25 Oct 2023	1.1m	Threat
SUMUT MANDAILING-NATAL S	0837z	25 Oct 2023	0.8m	Threat
NTT TIMOR-TENGAH-SELATAN	0910z	25 Oct 2023	0.8m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0912z	25 Oct 2023	1.4m	Threat
NAD ACEH-SELATAN S	0915z	25 Oct 2023	0.7m	Threat
SUMUT MANDAILING-NATAL U	0936z	25 Oct 2023	0.7m	Threat
SUMUT TAPANULI-SELATAN	1051z	25 Oct 2023	0.9m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1056z	25 Oct 2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	1101z	25 Oct 2023	1.0m	Threat
SUMUT TAPANULI-TENGAH U	1157z	25 Oct 2023	1.0m	Threat
NAD SIMEULUE P.SIMEULUE	1227z	25 Oct 2023	0.8m	Threat

NAD ACEH-BARAT-DAYA	1236z	25	Oct	2023	0.7m	Threat
NAD ACEH-SELATAN U	1238z	25	Oct	2023	0.6m	Threat
SUMUT NIAS B	1254z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.TANABALA	1259z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	1324z	25	Oct	2023	0.7m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1410z	25	Oct	2023	0.6m	Threat
NAD NAGAN-RAYA	1623z	25	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN U	1734z	25	Oct	2023	0.7m	Threat
NIAS	1739z	25	Oct	2023	0.8m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	1908z	25	Oct	2023	0.6m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	1917z	25	Oct	2023	0.7m	Threat
SUMBAR KOTA-PADANG S	1919z	25	Oct	2023	0.6m	Threat
NAD ACEH-JAYA	2202z	25	Oct	2023	0.5m	Threat
NIAS-NORTH	2204z	25	Oct	2023	0.5m	Threat
NAD ACEH-BARAT	2213z	25	Oct	2023	0.8m	Threat
NAD ACEH-BESAR B	2214z	25	Oct	2023	0.5m	Threat
NAD ACEH-SINGKIL	2316z	25	Oct	2023	0.6m	Threat
SOUTH OF BODAHAYIONE	2313z	25	Oct	2023	0.6m	Threat
NAD ACEH-BESAR P.BREUEH	0156z	26	Oct	2023	0.8m	Threat
GUNUNGSITOLI	0215z	26	Oct	2023	0.5m	Threat
SUMBAR PADANG-PARIAMAN S	0245z	26	Oct	2023	0.5m	Threat

KENYA

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MALINDI	2206z	25	Oct	2023	0.8m	Threat
KISIMACHANDE	0120z	26	Oct	2023	0.8m	Threat
MVULENI	0146z	26	Oct	2023	0.6m	Threat
KIPINI	0150z	26	Oct	2023	0.6m	Threat
KIWAYU	0205z	26	Oct	2023	0.5m	Threat

MADAGASCAR

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TOAMASINA AIRPORT	1124z	25	Oct	2023	2.0m	Threat
AMBAHY	1130z	25	Oct	2023	2.6m	Threat
MANANTENINA	1143z	25	Oct	2023	1.2m	Threat
TAMPOLO	1144z	25	Oct	2023	0.8m	Threat
VOHEMAR	1300z	25	Oct	2023	1.0m	Threat
FARAFAGANA	1329z	25	Oct	2023	1.1m	Threat
SAMPONA	1736z	25	Oct	2023	1.2m	Threat

MALDIVES

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KULHUDUFFUSHI	0756z	25	Oct	2023	1.1m	Threat
DHIYAMIGILI	0845z	25	Oct	2023	1.2m	Threat
KOLHUFUSHI	1004z	25	Oct	2023	0.9m	Threat
THINADHOO	1025z	25	Oct	2023	0.8m	Threat
NILANDHOO	1143z	25	Oct	2023	0.9m	Threat
MALE	1150z	25	Oct	2023	1.0m	Threat
FERIDHOO	1501z	25	Oct	2023	1.0m	Threat
GOIDHOO	1644z	25	Oct	2023	0.7m	Threat

MAURITIUS

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LA FERME	1124z	25	Oct	2023	0.7m	Threat
GRANDE REVIERE SUD EST-EAST	1129z	25	Oct	2023	0.8m	Threat
CARGADOS CARAJOS	1225z	25	Oct	2023	0.8m	Threat

MOZAMBIQUE

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MAGUEMBA	1629z	25 Oct 2023	0.8m	Threat
MALUANA	1937z	25 Oct 2023	0.9m	Threat
TAVARI	2221z	25 Oct 2023	0.7m	Threat
MAPUTO	2249z	25 Oct 2023	0.5m	Threat
ZAVALA	2257z	25 Oct 2023	0.6m	Threat
MOGINCUAL	2331z	25 Oct 2023	0.6m	Threat
OCONE	2344z	25 Oct 2023	0.5m	Threat
INHASSORO	2359z	25 Oct 2023	0.5m	Threat
VILA DO CHINDE	0005z	26 Oct 2023	0.6m	Threat
NOVA LUSITANIA	0019z	26 Oct 2023	0.6m	Threat
MAIONGUE	0056z	26 Oct 2023	0.5m	Threat
XAI-XAI	0226z	26 Oct 2023	0.7m	Threat

MYANMAR

CHEDUBA ISLAND	2216z	25 Oct 2023	0.5m	Threat
MAWYEN	0218z	26 Oct 2023	0.5m	Threat

OMAN

SALALAH	1443z	25 Oct 2023	0.9m	Threat
HASIK	2351z	25 Oct 2023	0.5m	Threat
MIRBAT	0021z	26 Oct 2023	0.5m	Threat
AD DUQM	0141z	26 Oct 2023	0.6m	Threat

SEYCHELLES

FREGATE ISLAND	1354z	25 Oct 2023	0.8m	Threat
TAKAMAKA	1658z	25 Oct 2023	0.7m	Threat

SOMALIA

BANDER-BEYLA	1414z	25 Oct 2023	0.8m	Threat
TOOXIN	1418z	25 Oct 2023	1.2m	Threat
XARARDHEERE	1434z	25 Oct 2023	0.8m	Threat
ABO	1737z	25 Oct 2023	0.5m	Threat
NE BEERNAASI	1745z	25 Oct 2023	0.6m	Threat
GALDOGOB	2100z	25 Oct 2023	0.6m	Threat
CEEL DHEER	2332z	25 Oct 2023	0.5m	Threat
JARIIBAN	2340z	25 Oct 2023	0.6m	Threat
MAREEG	0007z	26 Oct 2023	0.6m	Threat
EYL	0134z	26 Oct 2023	0.6m	Threat

SOUTH AFRICA

LAKE SIBAYI	1559z	25 Oct 2023	1.0m	Threat
WILLOWVALE	1656z	25 Oct 2023	0.7m	Threat
LUSIKISIKI	1709z	25 Oct 2023	1.1m	Threat
MARSHSTRAND	1718z	25 Oct 2023	1.1m	Threat
KAYSERS BEACH	1721z	25 Oct 2023	0.7m	Threat
MANDI	1732z	25 Oct 2023	0.8m	Threat
FUNK SEAMOUNT	1747z	25 Oct 2023	0.7m	Threat
BIZANA	1802z	25 Oct 2023	0.8m	Threat
PORT ELIZABETH	1813z	25 Oct 2023	1.0m	Threat
ALEXANDRIA	1906z	25 Oct 2023	0.8m	Threat
KOSIMEER	1921z	25 Oct 2023	0.9m	Threat
KENTANI	1925z	25 Oct 2023	0.9m	Threat
MARGATE	1930z	25 Oct 2023	0.5m	Threat
MOSSEL	2029z	25 Oct 2023	1.4m	Threat



PORT DURNFORD	2129z	25	Oct	2023	0.6m	Threat
WITAAND	2218z	25	Oct	2023	0.6m	Threat
BREDASDORP	2229z	25	Oct	2023	0.9m	Threat
PEDDIE	2321z	25	Oct	2023	0.8m	Threat
BATHURST	2343z	25	Oct	2023	0.5m	Threat
ZIKHOVA	0028z	26	Oct	2023	0.5m	Threat
GEORGE	0046z	26	Oct	2023	0.5m	Threat
ABORETUM	0130z	26	Oct	2023	0.6m	Threat
ELLIOTDALE	0138z	26	Oct	2023	0.5m	Threat
HEIDELBERG	0209z	26	Oct	2023	0.7m	Threat

SRI LANKA

KATTANKUDI	0916z	25	Oct	2023	1.0m	Threat
HAMBANTOTA	0930z	25	Oct	2023	0.9m	Threat
AKKARAI PATTU	0939z	25	Oct	2023	1.3m	Threat
BATTICALOA	0940z	25	Oct	2023	1.1m	Threat
PANKULAM	1014z	25	Oct	2023	0.6m	Threat
MULLAITTIVU	1118z	25	Oct	2023	0.6m	Threat
KIRINDA	1241z	25	Oct	2023	0.8m	Threat
OKANDA	1404z	25	Oct	2023	1.0m	Threat
MORATUWA	1437z	25	Oct	2023	0.6m	Threat
MUSALI	1453z	25	Oct	2023	0.8m	Threat
COLOMBO	1500z	25	Oct	2023	0.8m	Threat
MANNAR ISLAND	1518z	25	Oct	2023	0.7m	Threat
POTTUVIL	1525z	25	Oct	2023	0.8m	Threat
MATARA	1534z	25	Oct	2023	0.6m	Threat
MUNDAL LAKE	1726z	25	Oct	2023	0.7m	Threat
GALLE	1745z	25	Oct	2023	0.7m	Threat
CHAVAKACHCHERI	1805z	25	Oct	2023	0.5m	Threat
TANGALLE	1835z	25	Oct	2023	0.5m	Threat
NEGOMBO	2017z	25	Oct	2023	0.6m	Threat
CHUNDIKKULAM	2047z	25	Oct	2023	0.7m	Threat
BERUWALA	2238z	25	Oct	2023	0.5m	Threat
POINT PEDRO	2304z	25	Oct	2023	0.7m	Threat
AMBALANGODA	2334z	25	Oct	2023	0.6m	Threat
ANAITIVU	0014z	26	Oct	2023	0.5m	Threat

TANZANIA

WEST TO KONDE	1628z	25	Oct	2023	0.8m	Threat
BAGAMOYO	0133z	26	Oct	2023	0.7m	Threat
BOMALANDNI	0142z	26	Oct	2023	0.6m	Threat
VUMBA	0211z	26	Oct	2023	0.6m	Threat

THAILAND

THAI MUEANG_TAKUA PA	0032z	26	Oct	2023	0.5m	Threat
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TIMOR-LESTE

PANTE MACASSAR	0336z	25	Oct	2023	0.9m	Threat
BOBONARO	0449z	25	Oct	2023	1.0m	Threat
LIQUICA	0739z	25	Oct	2023	0.6m	Threat
COVALIMA	1534z	25	Oct	2023	0.6m	Threat

UNITED KINGDOM

MORESBY ISLAND	1026z	25	Oct	2023	0.6m	Threat
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DIEGO GARCIA 1213z 25 Oct 2023 0.5m Threat

YEMEN

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SOCOTRA ISLAND SOUTH	1354z	25 Oct 2023	0.8m	Threat
SOCOTRA ISLAND NORTH	1443z	25 Oct 2023	0.8m	Threat
AL GHAYDAH AIRPORT	1623z	25 Oct 2023	0.9m	Threat
HUSWAYN	1742z	25 Oct 2023	0.9m	Threat
DAMQAWT	1827z	25 Oct 2023	0.8m	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](mailto:tsunami@incois.gov.in)  
Web: [www.incois.gov.in](http://www.incois.gov.in)

END OF BULLETIN

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

# 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 0400 UTC WEDNESDAY 25 OCTOBER 2023

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... 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:

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Magnitude: 9.1 Mwp (UPDATED)
Depth: 10 km
Date: 25 Oct 2023
Origin Time: 0200 UTC
Latitude: 10.40S
Longitude: 112.80E
Location: SOUTH OF JAVA, INDONESIA
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### 2. EVALUATION

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

LOCATION	LAT	LON	TIME	DATE	AMPL
Benoa (INDONESIA)	8.75S	115.22E	0226z	25 Oct 2023	11.7m
Christmas Island (AUSTRALIA)	10.4S	105.67E	0229z	25 Oct 2023	1.1m
DART 56001 (AUSTRALIA)	13.9S	110.00E	0236z	25 Oct 2023	2.2m
Prigi (INDONESIA)	8.28S	111.73E	0236z	25 Oct 2023	9.0m
Waikelo (INDONESIA)	9.39S	119.22E	0247z	25 Oct 2023	5.2m
Eggano (INDONESIA)	5.35S	102.28E	0335z	25 Oct 2023	2.4m
Cocos Island (AUSTRALIA)	12.1S	96.89E	0346z	25 Oct 2023	0.6m

### 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

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CHRISTMAS ISLAND 0229z 25 Oct 2023 0.9m Threat

NINGALOO COAST	0415z	25	Oct	2023	8.4m	Threat
PILBARA COAST WEST	0421z	25	Oct	2023	4.5m	Threat
WEST KIMBERLY COAST	0439z	25	Oct	2023	2.4m	Threat
PILBARA COAST EAST	0444z	25	Oct	2023	4.0m	Threat
GASCOYNE COAST	0504z	25	Oct	2023	3.2m	Threat
NORTH KIMBERLY COAST	0515z	25	Oct	2023	1.8m	Threat
GERALDTON COAST	0522z	25	Oct	2023	2.4m	Threat
LANCELIN COAST	0554z	25	Oct	2023	1.2m	Threat
PERTH COAST	0559z	25	Oct	2023	1.5m	Threat
BUNBURY GEOGRAPHE COAST	0621z	25	Oct	2023	1.6m	Threat
LEEWIN COAST	0624z	25	Oct	2023	1.2m	Threat
ASHMORE REEF	0940z	25	Oct	2023	0.8m	Threat
BEAGLE BONAPARTE COAST	0958z	25	Oct	2023	1.0m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1145z	25	Oct	2023	2.1m	Threat
AURORA BANK	1235z	25	Oct	2023	0.9m	Threat
ALBANY COAST	1456z	25	Oct	2023	0.8m	Threat
NORTH TIWI COAST	1916z	25	Oct	2023	0.8m	Threat
ESPERENCE COAST	2229z	25	Oct	2023	0.6m	Threat
EUCLA COAST	0112z	26	Oct	2023	0.5m	Threat
ARAFURA COAST	0211z	26	Oct	2023	0.7m	Threat
SOUTH CENTRAL COAST SA	0240z	26	Oct	2023	0.6m	Threat

FRANCE

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LLE SAINT-PAUL-SOUTH	0929z	25	Oct	2023	0.7m	Threat
SAINT - JOSEPH	1112z	25	Oct	2023	0.6m	Threat
ILE KERGUELEN	1120z	25	Oct	2023	2.2m	Threat
CROZET PLATEAU	1237z	25	Oct	2023	0.8m	Threat
ILE DE LA POSSESSION	1315z	25	Oct	2023	1.1m	Threat
NES CROZET	1549z	25	Oct	2023	0.5m	Threat
LLE SAINT-PAUL-NORTH	1707z	25	Oct	2023	0.5m	Threat

INDIA

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MAHABALIPURAM	1003z	25	Oct	2023	0.9m	Threat
MACHILIPATNAM	1042z	25	Oct	2023	0.8m	Threat
KOTTAPATNAM	1054z	25	Oct	2023	1.2m	Threat
ENNORE	1059z	25	Oct	2023	1.4m	Threat
NIJAMPATTANAM	1101z	25	Oct	2023	1.2m	Threat
KAKINADA	1104z	25	Oct	2023	0.7m	Threat
VISAKHAPATNAM	1105z	25	Oct	2023	0.8m	Threat
KANYAKUMARI	1107z	25	Oct	2023	1.0m	Threat
TUTICORIN	1115z	25	Oct	2023	1.0m	Threat
RAMESWARAM	1120z	25	Oct	2023	1.1m	Threat
KOODANKULAM	1120z	25	Oct	2023	0.9m	Threat
ALLEPPEY ALAPPUZHA	1150z	25	Oct	2023	0.7m	Threat
SRIHARIKOTA	1426z	25	Oct	2023	1.0m	Threat
AGATTI	1447z	25	Oct	2023	0.6m	Threat
COCHIN	1458z	25	Oct	2023	0.6m	Threat
KARAIKAL	1505z	25	Oct	2023	0.7m	Threat
CHENNAI	1513z	25	Oct	2023	1.1m	Threat
JAMBOO	1546z	25	Oct	2023	0.8m	Threat
PUDUCHERRY	1555z	25	Oct	2023	0.6m	Threat
KANNUR	1613z	25	Oct	2023	0.6m	Threat
BEYPORE	1623z	25	Oct	2023	0.6m	Threat
VAKKAD	1644z	25	Oct	2023	0.5m	Threat
QUILON	1647z	25	Oct	2023	0.5m	Threat
KOMATRA & KATCHAL ISLAND	1720z	25	Oct	2023	0.8m	Threat
INDIRA POINT	1726z	25	Oct	2023	0.6m	Threat

CAR NICOBAR	1735z	25	Oct	2023	0.6m	Threat
POOMBUHAR	1753z	25	Oct	2023	0.6m	Threat
KOTTTAIPPATTANAM	1757z	25	Oct	2023	0.8m	Threat
PERUPALEM	1831z	25	Oct	2023	0.7m	Threat
DHAMRA	1848z	25	Oct	2023	0.7m	Threat
DIGHA	1904z	25	Oct	2023	0.5m	Threat
NAGAPATTINAM	1933z	25	Oct	2023	0.7m	Threat
MAHE	1934z	25	Oct	2023	0.5m	Threat
NORTH SENTINEL ISLAND	1937z	25	Oct	2023	0.9m	Threat
LITTLE ANDAMAN	1937z	25	Oct	2023	0.7m	Threat
KALINGAPATNAM	1946z	25	Oct	2023	0.8m	Threat
CUDDALORE	2004z	25	Oct	2023	0.6m	Threat
MARAKKANAM	2006z	25	Oct	2023	0.7m	Threat
PURI	2048z	25	Oct	2023	0.8m	Threat
PORT BLAIR	2107z	25	Oct	2023	0.9m	Threat
VADANAPPALLY	2250z	25	Oct	2023	0.6m	Threat
MUTHUPET	2331z	25	Oct	2023	0.6m	Threat
MALLIPATTINAM	2342z	25	Oct	2023	0.6m	Threat
KONADA	2352z	25	Oct	2023	0.8m	Threat
WEST & LANDFALL ISLAND	0057z	26	Oct	2023	0.5m	Threat
GOPALPUR	0235z	26	Oct	2023	0.8m	Threat

INDONESIA

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BALI BADUNG PANTAI-KUTA	0202z	25	Oct	2023	4.4m	Threat
BALI DENPASAR PANTAI-SANUR	0202z	25	Oct	2023	5.0m	Threat
JATENG PURWOREJO	0202z	25	Oct	2023	8.8m	Threat
JATIM TULUNGAGUNG	0202z	25	Oct	2023	7.6m	Threat
JATIM BANYUWANGI S	0203z	25	Oct	2023	4.9m	Threat
NTB KOTA-BIMA S	0203z	25	Oct	2023	3.3m	Threat
NTB SUMBAWA S	0203z	25	Oct	2023	3.5m	Threat
JATIM MALANG	0203z	25	Oct	2023	8.0m	Threat
JATIM JEMBER P.NUSABARUNG	0203z	25	Oct	2023	6.9m	Threat
NTB DOMPU S	0204z	25	Oct	2023	1.5m	Threat
NTB SUMBAWA B	0204z	25	Oct	2023	4.2m	Threat
JABAR CIAMIS	0204z	25	Oct	2023	5.8m	Threat
JATENG WONOGIRI	0204z	25	Oct	2023	9.2m	Threat
JATIM PACITAN	0204z	25	Oct	2023	8.9m	Threat
JATIM BLITAR	0204z	25	Oct	2023	8.8m	Threat
JATIM LUMAJANG	0204z	25	Oct	2023	5.8m	Threat
NTB LOMBOK-TENGAH	0204z	25	Oct	2023	3.0m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	0205z	25	Oct	2023	3.2m	Threat
NTB LOMBOK-TIMUR S	0205z	25	Oct	2023	2.7m	Threat
JATENG CILACAP	0205z	25	Oct	2023	6.7m	Threat
DIY KULON-PROGO	0205z	25	Oct	2023	9.3m	Threat
JATIM JEMBER	0206z	25	Oct	2023	9.0m	Threat
JATENG KEBUMEN	0206z	25	Oct	2023	6.7m	Threat
DIY BANTUL	0206z	25	Oct	2023	7.3m	Threat
DIY GUNUNG-KIDUL	0206z	25	Oct	2023	11.9m	Threat
JATIM TRENGGALEK	0206z	25	Oct	2023	8.3m	Threat
NTB LOMBOK-BARAT S	0206z	25	Oct	2023	2.9m	Threat
NTT SUMBA B	0207z	25	Oct	2023	2.8m	Threat
BALI TABANAN	0207z	25	Oct	2023	3.6m	Threat
JABAR TASIKMALAYA	0215z	25	Oct	2023	3.8m	Threat
JABAR GARUT	0220z	25	Oct	2023	3.2m	Threat
NTT MANGGARAI-BARAT P.	0220z	25	Oct	2023	2.9m	Threat
NTT SUMBA T	0221z	25	Oct	2023	3.5m	Threat
JABAR CIANJUR SINDANGBARANG	0222z	25	Oct	2023	2.7m	Threat
JABAR SUKABUMI UJUNG-GENTENG	0229z	25	Oct	2023	2.6m	Threat

NTT MANGGARAI-BARAT S	0230z	25 Oct 2023	2.4m	Threat
NTT MANGGARAI S	0239z	25 Oct 2023	1.9m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0240z	25 Oct 2023	3.3m	Threat
BANTEN LEBAK	0243z	25 Oct 2023	2.3m	Threat
BANTEN PANDEGLANG S	0244z	25 Oct 2023	2.3m	Threat
NTT KUPANG	0244z	25 Oct 2023	1.8m	Threat
BANTEN PANDEGLANG P.PANAITAN	0252z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS B	0301z	25 Oct 2023	2.4m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0309z	25 Oct 2023	2.5m	Threat
LAMPUNG TANGGAMUS P.TABUAN	0310z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS T	0310z	25 Oct 2023	2.2m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0311z	25 Oct 2023	2.3m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	0313z	25 Oct 2023	2.6m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0313z	25 Oct 2023	1.9m	Threat
BANTEN PANDEGLANG U	0315z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-SELATAN B	0318z	25 Oct 2023	1.3m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0318z	25 Oct 2023	2.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0321z	25 Oct 2023	2.7m	Threat
NTT ROTENDAO	0322z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0326z	25 Oct 2023	1.5m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0327z	25 Oct 2023	2.3m	Threat
NTB BIMA P.GILI	0328z	25 Oct 2023	1.4m	Threat
BENGKULU KAUR	0329z	25 Oct 2023	1.9m	Threat
PANTE MACASSAR	0334z	25 Oct 2023	1.3m	Threat
BENGKULU BENGKULU-SELATAN	0334z	25 Oct 2023	1.2m	Threat
NTT KOTA-KUPANG	0335z	25 Oct 2023	1.7m	Threat
NTT LEMBATA S	0338z	25 Oct 2023	1.2m	Threat
NTT ALOR S	0340z	25 Oct 2023	1.3m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	0342z	25 Oct 2023	1.6m	Threat
BANTEN SERANG B	0345z	25 Oct 2023	1.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0346z	25 Oct 2023	2.2m	Threat
NTT BELU U	0346z	25 Oct 2023	0.9m	Threat
NTT NGADA S	0347z	25 Oct 2023	1.2m	Threat
BENGKULU SELUMA	0352z	25 Oct 2023	2.1m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0354z	25 Oct 2023	3.2m	Threat
NTT ENDE S	0359z	25 Oct 2023	1.3m	Threat
BANTEN KOTA-CILEGON	0359z	25 Oct 2023	2.2m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0402z	25 Oct 2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	0408z	25 Oct 2023	1.9m	Threat
NTT SIKKA S	0408z	25 Oct 2023	1.0m	Threat
BENGKULU BENGKULU-UTARA U	0411z	25 Oct 2023	1.0m	Threat
NTT FLORES-TIMUR S	0413z	25 Oct 2023	1.6m	Threat
NTT FLORES-TIMUR P.SOLOR	0450z	25 Oct 2023	1.1m	Threat
MUARASIBERUT	0457z	25 Oct 2023	1.5m	Threat
SUMBAR PESISIR-SELATAN S	0505z	25 Oct 2023	0.8m	Threat
SUMBAR KOTA-PADANG U	0524z	25 Oct 2023	0.6m	Threat
SUMBAR PADANG-PARIAMAN U	0525z	25 Oct 2023	0.6m	Threat
SUMBAR AGAM	0543z	25 Oct 2023	0.8m	Threat
SUMBAR KOTA-PARIAMAN	0548z	25 Oct 2023	0.7m	Threat
NIAS-EAST	0552z	25 Oct 2023	0.9m	Threat
SUMBAR KOTA-PADANG U	0553z	25 Oct 2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0607z	25 Oct 2023	1.6m	Threat
BENGKULU MUKOMUKO	0627z	25 Oct 2023	1.1m	Threat
SUMUT MANDAILING-NATAL S	0837z	25 Oct 2023	0.8m	Threat
NTT TIMOR-TENGAH-SELATAN	0910z	25 Oct 2023	0.8m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0912z	25 Oct 2023	1.4m	Threat
NAD ACEH-SELATAN S	0915z	25 Oct 2023	0.7m	Threat
SUMUT MANDAILING-NATAL U	0936z	25 Oct 2023	0.7m	Threat
SUMUT TAPANULI-SELATAN	1051z	25 Oct 2023	0.9m	Threat

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1056z	25	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	1101z	25	Oct	2023	1.0m	Threat
SUMUT TAPANULI-TENGAH U	1157z	25	Oct	2023	1.0m	Threat
NAD SIMEULUE P.SIMEULUE	1227z	25	Oct	2023	0.8m	Threat
NAD ACEH-BARAT-DAYA	1236z	25	Oct	2023	0.7m	Threat
NAD ACEH-SELATAN U	1238z	25	Oct	2023	0.6m	Threat
SUMUT NIAS B	1254z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.TANABALA	1259z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	1324z	25	Oct	2023	0.7m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1410z	25	Oct	2023	0.6m	Threat
NAD NAGAN-RAYA	1623z	25	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN U	1734z	25	Oct	2023	0.7m	Threat
NIAS	1739z	25	Oct	2023	0.8m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	1908z	25	Oct	2023	0.6m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	1917z	25	Oct	2023	0.7m	Threat
SUMBAR KOTA-PADANG S	1919z	25	Oct	2023	0.6m	Threat
NAD ACEH-JAYA	2202z	25	Oct	2023	0.5m	Threat
NIAS-NORTH	2204z	25	Oct	2023	0.5m	Threat
NAD ACEH-BARAT	2213z	25	Oct	2023	0.8m	Threat
NAD ACEH-BESAR B	2214z	25	Oct	2023	0.5m	Threat
NAD ACEH-SINGKIL	2316z	25	Oct	2023	0.6m	Threat
SOUTH OF BODAHAYIONE	2313z	25	Oct	2023	0.6m	Threat
NAD ACEH-BESAR P.BREUEH	0156z	26	Oct	2023	0.8m	Threat
GUNUNGSITOLI	0215z	26	Oct	2023	0.5m	Threat
SUMBAR PADANG-PARIAMAN S	0245z	26	Oct	2023	0.5m	Threat

KENYA

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MALINDI	2206z	25	Oct	2023	0.8m	Threat
KISIMACHANDE	0120z	26	Oct	2023	0.8m	Threat
MVULENI	0146z	26	Oct	2023	0.6m	Threat
KIPINI	0150z	26	Oct	2023	0.6m	Threat
KIWAYU	0205z	26	Oct	2023	0.5m	Threat

MADAGASCAR

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TOAMASINA AIRPORT	1124z	25	Oct	2023	2.0m	Threat
AMBAHY	1130z	25	Oct	2023	2.6m	Threat
MANANTENINA	1143z	25	Oct	2023	1.2m	Threat
TAMPOLO	1144z	25	Oct	2023	0.8m	Threat
VOHEMAR	1300z	25	Oct	2023	1.0m	Threat
FARAFAGANA	1329z	25	Oct	2023	1.1m	Threat
SAMPONA	1736z	25	Oct	2023	1.2m	Threat

MALDIVES

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KULHUDUFFUSHI	0756z	25	Oct	2023	1.1m	Threat
DHIYAMIGILI	0845z	25	Oct	2023	1.2m	Threat
KOLHUFUSHI	1004z	25	Oct	2023	0.9m	Threat
THINADHOO	1025z	25	Oct	2023	0.8m	Threat
NILANDHOO	1143z	25	Oct	2023	0.9m	Threat
MALE	1150z	25	Oct	2023	1.0m	Threat
FERIDHOO	1501z	25	Oct	2023	1.0m	Threat
GOIDHOO	1644z	25	Oct	2023	0.7m	Threat

MAURITIUS

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LA FERME	1124z	25	Oct	2023	0.7m	Threat
GRANDE REVIERE SUD EST-EAST	1129z	25	Oct	2023	0.8m	Threat

CARGADOS CARAJOS	1225z	25 Oct 2023	0.8m	Threat
MOZAMBIQUE				
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MAGUEMBA	1629z	25 Oct 2023	0.8m	Threat
MALUANA	1937z	25 Oct 2023	0.9m	Threat
TAVARI	2221z	25 Oct 2023	0.7m	Threat
MAPUTO	2249z	25 Oct 2023	0.5m	Threat
ZAVALA	2257z	25 Oct 2023	0.6m	Threat
MOGINCUAL	2331z	25 Oct 2023	0.6m	Threat
OCONE	2344z	25 Oct 2023	0.5m	Threat
INHASSORO	2359z	25 Oct 2023	0.5m	Threat
VILA DO CHINDE	0005z	26 Oct 2023	0.6m	Threat
NOVA LUSITANIA	0019z	26 Oct 2023	0.6m	Threat
MAIONGUE	0056z	26 Oct 2023	0.5m	Threat
XAI-XAI	0226z	26 Oct 2023	0.7m	Threat
MYANMAR				
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CHEDUBA ISLAND	2216z	25 Oct 2023	0.5m	Threat
MAWYEN	0218z	26 Oct 2023	0.5m	Threat
OMAN				
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SALALAH	1443z	25 Oct 2023	0.9m	Threat
HASIK	2351z	25 Oct 2023	0.5m	Threat
MIRBAT	0021z	26 Oct 2023	0.5m	Threat
AD DUQM	0141z	26 Oct 2023	0.6m	Threat
SEYCHELLES				
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FREGATE ISLAND	1354z	25 Oct 2023	0.8m	Threat
TAKAMAKA	1658z	25 Oct 2023	0.7m	Threat
SOMALIA				
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BANDER-BEYLA	1414z	25 Oct 2023	0.8m	Threat
TOOXIN	1418z	25 Oct 2023	1.2m	Threat
XARARDHEERE	1434z	25 Oct 2023	0.8m	Threat
ABO	1737z	25 Oct 2023	0.5m	Threat
NE BEERNAASI	1745z	25 Oct 2023	0.6m	Threat
GALDOGOB	2100z	25 Oct 2023	0.6m	Threat
CEEL DHEER	2332z	25 Oct 2023	0.5m	Threat
JARIIBAN	2340z	25 Oct 2023	0.6m	Threat
MAREEG	0007z	26 Oct 2023	0.6m	Threat
EYL	0134z	26 Oct 2023	0.6m	Threat
SOUTH AFRICA				
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LAKE SIBAYI	1559z	25 Oct 2023	1.0m	Threat
WILLOWVALE	1656z	25 Oct 2023	0.7m	Threat
LUSIKISIKI	1709z	25 Oct 2023	1.1m	Threat
MARSHSTRAND	1718z	25 Oct 2023	1.1m	Threat
KAYSERS BEACH	1721z	25 Oct 2023	0.7m	Threat
MANDI	1732z	25 Oct 2023	0.8m	Threat
FUNK SEAMOUNT	1747z	25 Oct 2023	0.7m	Threat
BIZANA	1802z	25 Oct 2023	0.8m	Threat
PORT ELIZABETH	1813z	25 Oct 2023	1.0m	Threat
ALEXANDRIA	1906z	25 Oct 2023	0.8m	Threat



KOSIMEER	1921z	25	Oct	2023	0.9m	Threat
KENTANI	1925z	25	Oct	2023	0.9m	Threat
MARGATE	1930z	25	Oct	2023	0.5m	Threat
MOSSEL	2029z	25	Oct	2023	1.4m	Threat
PORT DURNFORD	2129z	25	Oct	2023	0.6m	Threat
WITAAND	2218z	25	Oct	2023	0.6m	Threat
BREDASDORP	2229z	25	Oct	2023	0.9m	Threat
PEDDIE	2321z	25	Oct	2023	0.8m	Threat
BATHURST	2343z	25	Oct	2023	0.5m	Threat
ZIKHOVA	0028z	26	Oct	2023	0.5m	Threat
GEORGE	0046z	26	Oct	2023	0.5m	Threat
ABORETUM	0130z	26	Oct	2023	0.6m	Threat
ELLIOTDALE	0138z	26	Oct	2023	0.5m	Threat
HEIDELBERG	0209z	26	Oct	2023	0.7m	Threat

SRI LANKA

KATTANKUDI	0916z	25	Oct	2023	1.0m	Threat
HAMBANTOTA	0930z	25	Oct	2023	0.9m	Threat
AKKARAI PATTU	0939z	25	Oct	2023	1.3m	Threat
BATTICALOA	0940z	25	Oct	2023	1.1m	Threat
PANKULAM	1014z	25	Oct	2023	0.6m	Threat
MULLAITTIVU	1118z	25	Oct	2023	0.6m	Threat
KIRINDA	1241z	25	Oct	2023	0.8m	Threat
OKANDA	1404z	25	Oct	2023	1.0m	Threat
MORATUWA	1437z	25	Oct	2023	0.6m	Threat
MUSALI	1453z	25	Oct	2023	0.8m	Threat
COLOMBO	1500z	25	Oct	2023	0.8m	Threat
MANNAR ISLAND	1518z	25	Oct	2023	0.7m	Threat
POTTUVIL	1525z	25	Oct	2023	0.8m	Threat
MATARA	1534z	25	Oct	2023	0.6m	Threat
MUNDAL LAKE	1726z	25	Oct	2023	0.7m	Threat
GALLE	1745z	25	Oct	2023	0.7m	Threat
CHAVAKACHCHERI	1805z	25	Oct	2023	0.5m	Threat
TANGALLE	1835z	25	Oct	2023	0.5m	Threat
NEGOMBO	2017z	25	Oct	2023	0.6m	Threat
CHUNDIKKULAM	2047z	25	Oct	2023	0.7m	Threat
BERUWALA	2238z	25	Oct	2023	0.5m	Threat
POINT PEDRO	2304z	25	Oct	2023	0.7m	Threat
AMBALANGODA	2334z	25	Oct	2023	0.6m	Threat
ANAITIVU	0014z	26	Oct	2023	0.5m	Threat

TANZANIA

WEST TO KONDE	1628z	25	Oct	2023	0.8m	Threat
BAGAMOYO	0133z	26	Oct	2023	0.7m	Threat
BOMALANDNI	0142z	26	Oct	2023	0.6m	Threat
VUMBA	0211z	26	Oct	2023	0.6m	Threat

THAILAND

THAI MUEANG_TAKUA PA	0032z	26	Oct	2023	0.5m	Threat
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TIMOR-LESTE

PANTE MACASSAR	0336z	25	Oct	2023	0.9m	Threat
BOBONARO	0449z	25	Oct	2023	1.0m	Threat
LIQUICA	0739z	25	Oct	2023	0.6m	Threat
COVALIMA	1534z	25	Oct	2023	0.6m	Threat

UNITED KINGDOM

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MORESBY ISLAND	1026z	25 Oct 2023	0.6m	Threat
DIEGO GARCIA	1213z	25 Oct 2023	0.5m	Threat

YEMEN

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SOCOTRA ISLAND SOUTH	1354z	25 Oct 2023	0.8m	Threat
SOCOTRA ISLAND NORTH	1443z	25 Oct 2023	0.8m	Threat
AL GHAYDAH AIRPORT	1623z	25 Oct 2023	0.9m	Threat
HUSWAYN	1742z	25 Oct 2023	0.9m	Threat
DAMQAWT	1827z	25 Oct 2023	0.8m	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](mailto:tsunami@incois.gov.in)  
Web: [www.incois.gov.in](http://www.incois.gov.in)  
END OF BULLETIN

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#  
# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
#  
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NINGALOO COAST	0415z	25	Oct	2023	8.4m	Threat
PILBARA COAST WEST	0421z	25	Oct	2023	4.5m	Threat
WEST KIMBERLY COAST	0439z	25	Oct	2023	2.4m	Threat
PILBARA COAST EAST	0444z	25	Oct	2023	4.0m	Threat
GASCOYNE COAST	0504z	25	Oct	2023	3.2m	Threat
NORTH KIMBERLY COAST	0515z	25	Oct	2023	1.8m	Threat
GERALDTON COAST	0522z	25	Oct	2023	2.4m	Threat
LANCELIN COAST	0554z	25	Oct	2023	1.2m	Threat
PERTH COAST	0559z	25	Oct	2023	1.5m	Threat
BUNBURY GEOGRAPHE COAST	0621z	25	Oct	2023	1.6m	Threat
LEEWIN COAST	0624z	25	Oct	2023	1.2m	Threat
ASHMORE REEF	0940z	25	Oct	2023	0.8m	Threat
BEAGLE BONAPARTE COAST	0958z	25	Oct	2023	1.0m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1145z	25	Oct	2023	2.1m	Threat
AURORA BANK	1235z	25	Oct	2023	0.9m	Threat
ALBANY COAST	1456z	25	Oct	2023	0.8m	Threat
NORTH TIWI COAST	1916z	25	Oct	2023	0.8m	Threat
ESPERENCE COAST	2229z	25	Oct	2023	0.6m	Threat
EUCLA COAST	0112z	26	Oct	2023	0.5m	Threat
ARAFURA COAST	0211z	26	Oct	2023	0.7m	Threat
SOUTH CENTRAL COAST SA	0240z	26	Oct	2023	0.6m	Threat

FRANCE

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LLE SAINT-PAUL-SOUTH	0929z	25	Oct	2023	0.7m	Threat
SAINT - JOSEPH	1112z	25	Oct	2023	0.6m	Threat
ILE KERGUELEN	1120z	25	Oct	2023	2.2m	Threat
CROZET PLATEAU	1237z	25	Oct	2023	0.8m	Threat
ILE DE LA POSSESSION	1315z	25	Oct	2023	1.1m	Threat
NES CROZET	1549z	25	Oct	2023	0.5m	Threat
LLE SAINT-PAUL-NORTH	1707z	25	Oct	2023	0.5m	Threat

INDIA

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MAHABALIPURAM	1003z	25	Oct	2023	0.9m	Threat
MACHILIPATNAM	1042z	25	Oct	2023	0.8m	Threat
KOTTAPATNAM	1054z	25	Oct	2023	1.2m	Threat
ENNORE	1059z	25	Oct	2023	1.4m	Threat
NIJAMPATTANAM	1101z	25	Oct	2023	1.2m	Threat
KAKINADA	1104z	25	Oct	2023	0.7m	Threat
VISAKHAPATNAM	1105z	25	Oct	2023	0.8m	Threat
KANYAKUMARI	1107z	25	Oct	2023	1.0m	Threat
TUTICORIN	1115z	25	Oct	2023	1.0m	Threat
RAMESWARAM	1120z	25	Oct	2023	1.1m	Threat
KOODANKULAM	1120z	25	Oct	2023	0.9m	Threat
ALLEPPEY ALAPPUZHA	1150z	25	Oct	2023	0.7m	Threat
SRIHARIKOTA	1426z	25	Oct	2023	1.0m	Threat
AGATTI	1447z	25	Oct	2023	0.6m	Threat
COCHIN	1458z	25	Oct	2023	0.6m	Threat
KARAIKAL	1505z	25	Oct	2023	0.7m	Threat
CHENNAI	1513z	25	Oct	2023	1.1m	Threat
JAMBOO	1546z	25	Oct	2023	0.8m	Threat
PUDUCHERRY	1555z	25	Oct	2023	0.6m	Threat
KANNUR	1613z	25	Oct	2023	0.6m	Threat
BEYPORE	1623z	25	Oct	2023	0.6m	Threat
VAKKAD	1644z	25	Oct	2023	0.5m	Threat
QUILON	1647z	25	Oct	2023	0.5m	Threat
KOMATRA & KATCHAL ISLAND	1720z	25	Oct	2023	0.8m	Threat
INDIRA POINT	1726z	25	Oct	2023	0.6m	Threat

CAR NICOBAR	1735z	25	Oct	2023	0.6m	Threat
POOMBUHAR	1753z	25	Oct	2023	0.6m	Threat
KOTTTAIPPATTANAM	1757z	25	Oct	2023	0.8m	Threat
PERUPALEM	1831z	25	Oct	2023	0.7m	Threat
DHAMRA	1848z	25	Oct	2023	0.7m	Threat
DIGHA	1904z	25	Oct	2023	0.5m	Threat
NAGAPATTINAM	1933z	25	Oct	2023	0.7m	Threat
MAHE	1934z	25	Oct	2023	0.5m	Threat
NORTH SENTINEL ISLAND	1937z	25	Oct	2023	0.9m	Threat
LITTLE ANDAMAN	1937z	25	Oct	2023	0.7m	Threat
KALINGAPATNAM	1946z	25	Oct	2023	0.8m	Threat
CUDDALORE	2004z	25	Oct	2023	0.6m	Threat
MARAKKANAM	2006z	25	Oct	2023	0.7m	Threat
PURI	2048z	25	Oct	2023	0.8m	Threat
PORT BLAIR	2107z	25	Oct	2023	0.9m	Threat
VADANAPPALLY	2250z	25	Oct	2023	0.6m	Threat
MUTHUPET	2331z	25	Oct	2023	0.6m	Threat
MALLIPATTINAM	2342z	25	Oct	2023	0.6m	Threat
KONADA	2352z	25	Oct	2023	0.8m	Threat
WEST & LANDFALL ISLAND	0057z	26	Oct	2023	0.5m	Threat
GOPALPUR	0235z	26	Oct	2023	0.8m	Threat

INDONESIA

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BALI BADUNG PANTAI-KUTA	0202z	25	Oct	2023	4.4m	Threat
BALI DENPASAR PANTAI-SANUR	0202z	25	Oct	2023	5.0m	Threat
JATENG PURWOREJO	0202z	25	Oct	2023	8.8m	Threat
JATIM TULUNGAGUNG	0202z	25	Oct	2023	7.6m	Threat
JATIM BANYUWANGI S	0203z	25	Oct	2023	4.9m	Threat
NTB KOTA-BIMA S	0203z	25	Oct	2023	3.3m	Threat
NTB SUMBAWA S	0203z	25	Oct	2023	3.5m	Threat
JATIM MALANG	0203z	25	Oct	2023	8.0m	Threat
JATIM JEMBER P.NUSABARUNG	0203z	25	Oct	2023	6.9m	Threat
NTB DOMPU S	0204z	25	Oct	2023	1.5m	Threat
NTB SUMBAWA B	0204z	25	Oct	2023	4.2m	Threat
JABAR CIAMIS	0204z	25	Oct	2023	5.8m	Threat
JATENG WONOGIRI	0204z	25	Oct	2023	9.2m	Threat
JATIM PACITAN	0204z	25	Oct	2023	8.9m	Threat
JATIM BLITAR	0204z	25	Oct	2023	8.8m	Threat
JATIM LUMAJANG	0204z	25	Oct	2023	5.8m	Threat
NTB LOMBOK-TENGAH	0204z	25	Oct	2023	3.0m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	0205z	25	Oct	2023	3.2m	Threat
NTB LOMBOK-TIMUR S	0205z	25	Oct	2023	2.7m	Threat
JATENG CILACAP	0205z	25	Oct	2023	6.7m	Threat
DIY KULON-PROGO	0205z	25	Oct	2023	9.3m	Threat
JATIM JEMBER	0206z	25	Oct	2023	9.0m	Threat
JATENG KEBUMEN	0206z	25	Oct	2023	6.7m	Threat
DIY BANTUL	0206z	25	Oct	2023	7.3m	Threat
DIY GUNUNG-KIDUL	0206z	25	Oct	2023	11.9m	Threat
JATIM TRENGGALEK	0206z	25	Oct	2023	8.3m	Threat
NTB LOMBOK-BARAT S	0206z	25	Oct	2023	2.9m	Threat
NTT SUMBA B	0207z	25	Oct	2023	2.8m	Threat
BALI TABANAN	0207z	25	Oct	2023	3.6m	Threat
JABAR TASIKMALAYA	0215z	25	Oct	2023	3.8m	Threat
JABAR GARUT	0220z	25	Oct	2023	3.2m	Threat
NTT MANGGARAI-BARAT P.	0220z	25	Oct	2023	2.9m	Threat
NTT SUMBA T	0221z	25	Oct	2023	3.5m	Threat
JABAR CIANJUR SINDANGBARANG	0222z	25	Oct	2023	2.7m	Threat
JABAR SUKABUMI UJUNG-GENTENG	0229z	25	Oct	2023	2.6m	Threat

NTT MANGGARAI-BARAT S	0230z	25 Oct 2023	2.4m	Threat
NTT MANGGARAI S	0239z	25 Oct 2023	1.9m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0240z	25 Oct 2023	3.3m	Threat
BANTEN LEBAK	0243z	25 Oct 2023	2.3m	Threat
BANTEN PANDEGLANG S	0244z	25 Oct 2023	2.3m	Threat
NTT KUPANG	0244z	25 Oct 2023	1.8m	Threat
BANTEN PANDEGLANG P.PANAITAN	0252z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS B	0301z	25 Oct 2023	2.4m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0309z	25 Oct 2023	2.5m	Threat
LAMPUNG TANGGAMUS P.TABUAN	0310z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS T	0310z	25 Oct 2023	2.2m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0311z	25 Oct 2023	2.3m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	0313z	25 Oct 2023	2.6m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0313z	25 Oct 2023	1.9m	Threat
BANTEN PANDEGLANG U	0315z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-SELATAN B	0318z	25 Oct 2023	1.3m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0318z	25 Oct 2023	2.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0321z	25 Oct 2023	2.7m	Threat
NTT ROTENDAO	0322z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0326z	25 Oct 2023	1.5m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0327z	25 Oct 2023	2.3m	Threat
NTB BIMA P.GILI	0328z	25 Oct 2023	1.4m	Threat
BENGKULU KAUR	0329z	25 Oct 2023	1.9m	Threat
PANTE MACASSAR	0334z	25 Oct 2023	1.3m	Threat
BENGKULU BENGKULU-SELATAN	0334z	25 Oct 2023	1.2m	Threat
NTT KOTA-KUPANG	0335z	25 Oct 2023	1.7m	Threat
NTT LEMBATA S	0338z	25 Oct 2023	1.2m	Threat
NTT ALOR S	0340z	25 Oct 2023	1.3m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	0342z	25 Oct 2023	1.6m	Threat
BANTEN SERANG B	0345z	25 Oct 2023	1.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0346z	25 Oct 2023	2.2m	Threat
NTT BELU U	0346z	25 Oct 2023	0.9m	Threat
NTT NGADA S	0347z	25 Oct 2023	1.2m	Threat
BENGKULU SELUMA	0352z	25 Oct 2023	2.1m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0354z	25 Oct 2023	3.2m	Threat
NTT ENDE S	0359z	25 Oct 2023	1.3m	Threat
BANTEN KOTA-CILEGON	0359z	25 Oct 2023	2.2m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0402z	25 Oct 2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	0408z	25 Oct 2023	1.9m	Threat
NTT SIKKA S	0408z	25 Oct 2023	1.0m	Threat
BENGKULU BENGKULU-UTARA U	0411z	25 Oct 2023	1.0m	Threat
NTT FLORES-TIMUR S	0413z	25 Oct 2023	1.6m	Threat
NTT FLORES-TIMUR P.SOLOR	0450z	25 Oct 2023	1.1m	Threat
MUARASIBERUT	0457z	25 Oct 2023	1.5m	Threat
SUMBAR PESISIR-SELATAN S	0505z	25 Oct 2023	0.8m	Threat
SUMBAR KOTA-PADANG U	0524z	25 Oct 2023	0.6m	Threat
SUMBAR PADANG-PARIAMAN U	0525z	25 Oct 2023	0.6m	Threat
SUMBAR AGAM	0543z	25 Oct 2023	0.8m	Threat
SUMBAR KOTA-PARIAMAN	0548z	25 Oct 2023	0.7m	Threat
NIAS-EAST	0552z	25 Oct 2023	0.9m	Threat
SUMBAR KOTA-PADANG U	0553z	25 Oct 2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0607z	25 Oct 2023	1.6m	Threat
BENGKULU MUKOMUKO	0627z	25 Oct 2023	1.1m	Threat
SUMUT MANDAILING-NATAL S	0837z	25 Oct 2023	0.8m	Threat
NTT TIMOR-TENGAH-SELATAN	0910z	25 Oct 2023	0.8m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0912z	25 Oct 2023	1.4m	Threat
NAD ACEH-SELATAN S	0915z	25 Oct 2023	0.7m	Threat
SUMUT MANDAILING-NATAL U	0936z	25 Oct 2023	0.7m	Threat
SUMUT TAPANULI-SELATAN	1051z	25 Oct 2023	0.9m	Threat

SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1056z	25	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	1101z	25	Oct	2023	1.0m	Threat
SUMUT TAPANULI-TENGAH U	1157z	25	Oct	2023	1.0m	Threat
NAD SIMEULUE P.SIMEULUE	1227z	25	Oct	2023	0.8m	Threat
NAD ACEH-BARAT-DAYA	1236z	25	Oct	2023	0.7m	Threat
NAD ACEH-SELATAN U	1238z	25	Oct	2023	0.6m	Threat
SUMUT NIAS B	1254z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.TANABALA	1259z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	1324z	25	Oct	2023	0.7m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1410z	25	Oct	2023	0.6m	Threat
NAD NAGAN-RAYA	1623z	25	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN U	1734z	25	Oct	2023	0.7m	Threat
NIAS	1739z	25	Oct	2023	0.8m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	1908z	25	Oct	2023	0.6m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	1917z	25	Oct	2023	0.7m	Threat
SUMBAR KOTA-PADANG S	1919z	25	Oct	2023	0.6m	Threat
NAD ACEH-JAYA	2202z	25	Oct	2023	0.5m	Threat
NIAS-NORTH	2204z	25	Oct	2023	0.5m	Threat
NAD ACEH-BARAT	2213z	25	Oct	2023	0.8m	Threat
NAD ACEH-BESAR B	2214z	25	Oct	2023	0.5m	Threat
NAD ACEH-SINGKIL	2316z	25	Oct	2023	0.6m	Threat
SOUTH OF BODAHAYIONE	2313z	25	Oct	2023	0.6m	Threat
NAD ACEH-BESAR P.BREUEH	0156z	26	Oct	2023	0.8m	Threat
GUNUNGSITOLI	0215z	26	Oct	2023	0.5m	Threat
SUMBAR PADANG-PARIAMAN S	0245z	26	Oct	2023	0.5m	Threat

KENYA

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MALINDI	2206z	25	Oct	2023	0.8m	Threat
KISIMACHANDE	0120z	26	Oct	2023	0.8m	Threat
MVULENI	0146z	26	Oct	2023	0.6m	Threat
KIPINI	0150z	26	Oct	2023	0.6m	Threat
KIWAYU	0205z	26	Oct	2023	0.5m	Threat

MADAGASCAR

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TOAMASINA AIRPORT	1124z	25	Oct	2023	2.0m	Threat
AMBAHY	1130z	25	Oct	2023	2.6m	Threat
MANANTENINA	1143z	25	Oct	2023	1.2m	Threat
TAMPOLO	1144z	25	Oct	2023	0.8m	Threat
VOHEMAR	1300z	25	Oct	2023	1.0m	Threat
FARAFAGANA	1329z	25	Oct	2023	1.1m	Threat
SAMPONA	1736z	25	Oct	2023	1.2m	Threat

MALDIVES

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KULHUDUFFUSHI	0756z	25	Oct	2023	1.1m	Threat
DHIYAMIGILI	0845z	25	Oct	2023	1.2m	Threat
KOLHUFUSHI	1004z	25	Oct	2023	0.9m	Threat
THINADHOO	1025z	25	Oct	2023	0.8m	Threat
NILANDHOO	1143z	25	Oct	2023	0.9m	Threat
MALE	1150z	25	Oct	2023	1.0m	Threat
FERIDHOO	1501z	25	Oct	2023	1.0m	Threat
GOIDHOO	1644z	25	Oct	2023	0.7m	Threat

MAURITIUS

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LA FERME	1124z	25	Oct	2023	0.7m	Threat
GRANDE REVIERE SUD EST-EAST	1129z	25	Oct	2023	0.8m	Threat

CARGADOS CARAJOS	1225z	25 Oct 2023	0.8m	Threat
MOZAMBIQUE				
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MAGUEMBA	1629z	25 Oct 2023	0.8m	Threat
MALUANA	1937z	25 Oct 2023	0.9m	Threat
TAVARI	2221z	25 Oct 2023	0.7m	Threat
MAPUTO	2249z	25 Oct 2023	0.5m	Threat
ZAVALA	2257z	25 Oct 2023	0.6m	Threat
MOGINCUAL	2331z	25 Oct 2023	0.6m	Threat
OCONE	2344z	25 Oct 2023	0.5m	Threat
INHASSORO	2359z	25 Oct 2023	0.5m	Threat
VILA DO CHINDE	0005z	26 Oct 2023	0.6m	Threat
NOVA LUSITANIA	0019z	26 Oct 2023	0.6m	Threat
MAIONGUE	0056z	26 Oct 2023	0.5m	Threat
XAI-XAI	0226z	26 Oct 2023	0.7m	Threat
MYANMAR				
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CHEDUBA ISLAND	2216z	25 Oct 2023	0.5m	Threat
MAWYEN	0218z	26 Oct 2023	0.5m	Threat
OMAN				
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SALALAH	1443z	25 Oct 2023	0.9m	Threat
HASIK	2351z	25 Oct 2023	0.5m	Threat
MIRBAT	0021z	26 Oct 2023	0.5m	Threat
AD DUQM	0141z	26 Oct 2023	0.6m	Threat
SEYCHELLES				
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FREGATE ISLAND	1354z	25 Oct 2023	0.8m	Threat
TAKAMAKA	1658z	25 Oct 2023	0.7m	Threat
SOMALIA				
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BANDER-BEYLA	1414z	25 Oct 2023	0.8m	Threat
TOOXIN	1418z	25 Oct 2023	1.2m	Threat
XARARDHEERE	1434z	25 Oct 2023	0.8m	Threat
ABO	1737z	25 Oct 2023	0.5m	Threat
NE BEERNAASI	1745z	25 Oct 2023	0.6m	Threat
GALDOGOB	2100z	25 Oct 2023	0.6m	Threat
CEEL DHEER	2332z	25 Oct 2023	0.5m	Threat
JARIIBAN	2340z	25 Oct 2023	0.6m	Threat
MAREEG	0007z	26 Oct 2023	0.6m	Threat
EYL	0134z	26 Oct 2023	0.6m	Threat
SOUTH AFRICA				
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LAKE SIBAYI	1559z	25 Oct 2023	1.0m	Threat
WILLOWVALE	1656z	25 Oct 2023	0.7m	Threat
LUSIKISIKI	1709z	25 Oct 2023	1.1m	Threat
MARSHSTRAND	1718z	25 Oct 2023	1.1m	Threat
KAYSERS BEACH	1721z	25 Oct 2023	0.7m	Threat
MANDI	1732z	25 Oct 2023	0.8m	Threat
FUNK SEAMOUNT	1747z	25 Oct 2023	0.7m	Threat
BIZANA	1802z	25 Oct 2023	0.8m	Threat
PORT ELIZABETH	1813z	25 Oct 2023	1.0m	Threat
ALEXANDRIA	1906z	25 Oct 2023	0.8m	Threat



KOSIMEER	1921z	25	Oct	2023	0.9m	Threat
KENTANI	1925z	25	Oct	2023	0.9m	Threat
MARGATE	1930z	25	Oct	2023	0.5m	Threat
MOSSEL	2029z	25	Oct	2023	1.4m	Threat
PORT DURNFORD	2129z	25	Oct	2023	0.6m	Threat
WITAAND	2218z	25	Oct	2023	0.6m	Threat
BREDASDORP	2229z	25	Oct	2023	0.9m	Threat
PEDDIE	2321z	25	Oct	2023	0.8m	Threat
BATHURST	2343z	25	Oct	2023	0.5m	Threat
ZIKHOVA	0028z	26	Oct	2023	0.5m	Threat
GEORGE	0046z	26	Oct	2023	0.5m	Threat
ABORETUM	0130z	26	Oct	2023	0.6m	Threat
ELLIOTDALE	0138z	26	Oct	2023	0.5m	Threat
HEIDELBERG	0209z	26	Oct	2023	0.7m	Threat

SRI LANKA

KATTANKUDI	0916z	25	Oct	2023	1.0m	Threat
HAMBANTOTA	0930z	25	Oct	2023	0.9m	Threat
AKKARAIATTU	0939z	25	Oct	2023	1.3m	Threat
BATTICALOA	0940z	25	Oct	2023	1.1m	Threat
PANKULAM	1014z	25	Oct	2023	0.6m	Threat
MULLAITTIVU	1118z	25	Oct	2023	0.6m	Threat
KIRINDA	1241z	25	Oct	2023	0.8m	Threat
OKANDA	1404z	25	Oct	2023	1.0m	Threat
MORATUWA	1437z	25	Oct	2023	0.6m	Threat
MUSALI	1453z	25	Oct	2023	0.8m	Threat
COLOMBO	1500z	25	Oct	2023	0.8m	Threat
MANNAR ISLAND	1518z	25	Oct	2023	0.7m	Threat
POTTUVIL	1525z	25	Oct	2023	0.8m	Threat
MATARA	1534z	25	Oct	2023	0.6m	Threat
MUNDAL LAKE	1726z	25	Oct	2023	0.7m	Threat
GALLE	1745z	25	Oct	2023	0.7m	Threat
CHAVAKACHCHERI	1805z	25	Oct	2023	0.5m	Threat
TANGALLE	1835z	25	Oct	2023	0.5m	Threat
NEGOMBO	2017z	25	Oct	2023	0.6m	Threat
CHUNDIKKULAM	2047z	25	Oct	2023	0.7m	Threat
BERUWALA	2238z	25	Oct	2023	0.5m	Threat
POINT PEDRO	2304z	25	Oct	2023	0.7m	Threat
AMBALANGODA	2334z	25	Oct	2023	0.6m	Threat
ANAITIVU	0014z	26	Oct	2023	0.5m	Threat

TANZANIA

WEST TO KONDE	1628z	25	Oct	2023	0.8m	Threat
BAGAMOYO	0133z	26	Oct	2023	0.7m	Threat
BOMALANDNI	0142z	26	Oct	2023	0.6m	Threat
VUMBA	0211z	26	Oct	2023	0.6m	Threat

THAILAND

THAI MUEANG_TAKUA PA	0032z	26	Oct	2023	0.5m	Threat
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TIMOR-LESTE

PANTE MACASSAR	0336z	25	Oct	2023	0.9m	Threat
BOBONARO	0449z	25	Oct	2023	1.0m	Threat
LIQUICA	0739z	25	Oct	2023	0.6m	Threat
COVALIMA	1534z	25	Oct	2023	0.6m	Threat

UNITED KINGDOM

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MORESBY ISLAND	1026z	25 Oct 2023	0.6m	Threat
DIEGO GARCIA	1213z	25 Oct 2023	0.5m	Threat

YEMEN

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SOCOTRA ISLAND SOUTH	1354z	25 Oct 2023	0.8m	Threat
SOCOTRA ISLAND NORTH	1443z	25 Oct 2023	0.8m	Threat
AL GHAYDAH AIRPORT	1623z	25 Oct 2023	0.9m	Threat
HUSWAYN	1742z	25 Oct 2023	0.9m	Threat
DAMQAWT	1827z	25 Oct 2023	0.8m	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](mailto:tsunami@incois.gov.in)  
Web: [www.incois.gov.in](http://www.incois.gov.in)  
END OF BULLETIN

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

# 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 0600 UTC WEDNESDAY 25 OCTOBER 2023  
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... 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: 9.1 Mwp (UPDATED)  
Depth: 10 km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
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Benoa (INDONESIA)	8.75S	115.22E	0226z	25 Oct 2023	11.7m
Christmas Island (AUSTRALIA)	10.4S	105.67E	0229z	25 Oct 2023	1.1m
DART 56001 (AUSTRALIA)	13.9S	110.00E	0236z	25 Oct 2023	2.2m
Prigi (INDONESIA)	8.28S	111.73E	0236z	25 Oct 2023	9.0m
Waikelo (INDONESIA)	9.39S	119.22E	0247z	25 Oct 2023	5.2m
Eggano (INDONESIA)	5.35S	102.28E	0335z	25 Oct 2023	2.4m
Cocos Island (AUSTRALIA)	12.1S	96.89E	0346z	25 Oct 2023	0.6m
Seblat (INDONESIA)	3.22S	101.60E	0427z	25 Oct 2023	1.6m
Telukdalam (INDONESIA)	0.55N	97.82E	0442z	25 Oct 2023	1.0m
Point Murat (AUSTRALIA)	21.8S	114.19E	0446z	25 Oct 2023	6.8m
Padang (INDONESIA)	1.00S	100.37E	0509z	25 Oct 2023	0.4m
Broome (AUSTRALIA)	18.0S	122.22E	0542z	25 Oct 2023	1.0m

## 3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone (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

CHRISTMAS ISLAND	0229z	25 Oct 2023	0.9m	Threat
NINGALOO COAST	0415z	25 Oct 2023	8.4m	Threat
PILBARA COAST WEST	0421z	25 Oct 2023	4.5m	Threat
WEST KIMBERLY COAST	0439z	25 Oct 2023	2.4m	Threat
PILBARA COAST EAST	0444z	25 Oct 2023	4.0m	Threat
GASCOYNE COAST	0504z	25 Oct 2023	3.2m	Threat
NORTH KIMBERLY COAST	0515z	25 Oct 2023	1.8m	Threat
GERALDTON COAST	0522z	25 Oct 2023	2.4m	Threat
LANCELIN COAST	0554z	25 Oct 2023	1.2m	Threat
PERTH COAST	0559z	25 Oct 2023	1.5m	Threat
BUNBURY GEOGRAPHE COAST	0621z	25 Oct 2023	1.6m	Threat
LEEWIN COAST	0624z	25 Oct 2023	1.2m	Threat
ASHMORE REEF	0940z	25 Oct 2023	0.8m	Threat
BEAGLE BONAPARTE COAST	0958z	25 Oct 2023	1.0m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1145z	25 Oct 2023	2.1m	Threat
AURORA BANK	1235z	25 Oct 2023	0.9m	Threat
ALBANY COAST	1456z	25 Oct 2023	0.8m	Threat
NORTH TIWI COAST	1916z	25 Oct 2023	0.8m	Threat
ESPERENCE COAST	2229z	25 Oct 2023	0.6m	Threat
EUCLA COAST	0112z	26 Oct 2023	0.5m	Threat
ARAFURA COAST	0211z	26 Oct 2023	0.7m	Threat
SOUTH CENTRAL COAST SA	0240z	26 Oct 2023	0.6m	Threat

FRANCE

LLE SAINT-PAUL-SOUTH	0929z	25 Oct 2023	0.7m	Threat
SAINT - JOSEPH	1112z	25 Oct 2023	0.6m	Threat
ILE KERGUELEN	1120z	25 Oct 2023	2.2m	Threat
CROZET PLATEAU	1237z	25 Oct 2023	0.8m	Threat
ILE DE LA POSSESSION	1315z	25 Oct 2023	1.1m	Threat
NES CROZET	1549z	25 Oct 2023	0.5m	Threat
LLE SAINT-PAUL-NORTH	1707z	25 Oct 2023	0.5m	Threat

INDIA

MAHABALIPURAM	1003z	25 Oct 2023	0.9m	Threat
MACHILIPATNAM	1042z	25 Oct 2023	0.8m	Threat
KOTTAPATNAM	1054z	25 Oct 2023	1.2m	Threat
ENNORE	1059z	25 Oct 2023	1.4m	Threat
NIJAMPATTANAM	1101z	25 Oct 2023	1.2m	Threat
KAKINADA	1104z	25 Oct 2023	0.7m	Threat
VISAKHAPATNAM	1105z	25 Oct 2023	0.8m	Threat
KANYAKUMARI	1107z	25 Oct 2023	1.0m	Threat
TUTICORIN	1115z	25 Oct 2023	1.0m	Threat
RAMESWARAM	1120z	25 Oct 2023	1.1m	Threat
KOODANKULAM	1120z	25 Oct 2023	0.9m	Threat
ALLEPPEY ALAPPUZHA	1150z	25 Oct 2023	0.7m	Threat
SRIHARIKOTA	1426z	25 Oct 2023	1.0m	Threat
AGATTI	1447z	25 Oct 2023	0.6m	Threat
COCHIN	1458z	25 Oct 2023	0.6m	Threat
KARAIKAL	1505z	25 Oct 2023	0.7m	Threat
CHENNAI	1513z	25 Oct 2023	1.1m	Threat
JAMBOO	1546z	25 Oct 2023	0.8m	Threat
PUDUCHERRY	1555z	25 Oct 2023	0.6m	Threat
KANNUR	1613z	25 Oct 2023	0.6m	Threat
BEYPORE	1623z	25 Oct 2023	0.6m	Threat
VAKKAD	1644z	25 Oct 2023	0.5m	Threat

QUILON	1647z	25	Oct	2023	0.5m	Threat
KOMATRA & KATCHAL ISLAND	1720z	25	Oct	2023	0.8m	Threat
INDIRA POINT	1726z	25	Oct	2023	0.6m	Threat
CAR NICOBAR	1735z	25	Oct	2023	0.6m	Threat
POOMBUHAR	1753z	25	Oct	2023	0.6m	Threat
KOTTTAIPPATTANAM	1757z	25	Oct	2023	0.8m	Threat
PERUPALEM	1831z	25	Oct	2023	0.7m	Threat
DHAMRA	1848z	25	Oct	2023	0.7m	Threat
DIGHA	1904z	25	Oct	2023	0.5m	Threat
NAGAPATTINAM	1933z	25	Oct	2023	0.7m	Threat
MAHE	1934z	25	Oct	2023	0.5m	Threat
NORTH SENTINEL ISLAND	1937z	25	Oct	2023	0.9m	Threat
LITTLE ANDAMAN	1937z	25	Oct	2023	0.7m	Threat
KALINGAPATNAM	1946z	25	Oct	2023	0.8m	Threat
CUDDALORE	2004z	25	Oct	2023	0.6m	Threat
MARAKKANAM	2006z	25	Oct	2023	0.7m	Threat
PURI	2048z	25	Oct	2023	0.8m	Threat
PORT BLAIR	2107z	25	Oct	2023	0.9m	Threat
VADANAPPALLY	2250z	25	Oct	2023	0.6m	Threat
MUTHUPET	2331z	25	Oct	2023	0.6m	Threat
MALLIPATTINAM	2342z	25	Oct	2023	0.6m	Threat
KONADA	2352z	25	Oct	2023	0.8m	Threat
WEST & LANDFALL ISLAND	0057z	26	Oct	2023	0.5m	Threat
GOPALPUR	0235z	26	Oct	2023	0.8m	Threat

INDONESIA

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BALI BADUNG PANTAI-KUTA	0202z	25	Oct	2023	4.4m	Threat
BALI DENPASAR PANTAI-SANUR	0202z	25	Oct	2023	5.0m	Threat
JATENG PURWOREJO	0202z	25	Oct	2023	8.8m	Threat
JATIM TULUNGAGUNG	0202z	25	Oct	2023	7.6m	Threat
JATIM BANYUWANGI S	0203z	25	Oct	2023	4.9m	Threat
NTB KOTA-BIMA S	0203z	25	Oct	2023	3.3m	Threat
NTB SUMBAWA S	0203z	25	Oct	2023	3.5m	Threat
JATIM MALANG	0203z	25	Oct	2023	8.0m	Threat
JATIM JEMBER P.NUSABARUNG	0203z	25	Oct	2023	6.9m	Threat
NTB DOMPU S	0204z	25	Oct	2023	1.5m	Threat
NTB SUMBAWA B	0204z	25	Oct	2023	4.2m	Threat
JABAR CIAMIS	0204z	25	Oct	2023	5.8m	Threat
JATENG WONOGIRI	0204z	25	Oct	2023	9.2m	Threat
JATIM PACITAN	0204z	25	Oct	2023	8.9m	Threat
JATIM BLITAR	0204z	25	Oct	2023	8.8m	Threat
JATIM LUMAJANG	0204z	25	Oct	2023	5.8m	Threat
NTB LOMBOK-TENGAH	0204z	25	Oct	2023	3.0m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	0205z	25	Oct	2023	3.2m	Threat
NTB LOMBOK-TIMUR S	0205z	25	Oct	2023	2.7m	Threat
JATENG CILACAP	0205z	25	Oct	2023	6.7m	Threat
DIY KULON-PROGO	0205z	25	Oct	2023	9.3m	Threat
JATIM JEMBER	0206z	25	Oct	2023	9.0m	Threat
JATENG KEBUMEN	0206z	25	Oct	2023	6.7m	Threat
DIY BANTUL	0206z	25	Oct	2023	7.3m	Threat
DIY GUNUNG-KIDUL	0206z	25	Oct	2023	11.9m	Threat
JATIM TRENGGALEK	0206z	25	Oct	2023	8.3m	Threat
NTB LOMBOK-BARAT S	0206z	25	Oct	2023	2.9m	Threat
NTT SUMBA B	0207z	25	Oct	2023	2.8m	Threat
BALI TABANAN	0207z	25	Oct	2023	3.6m	Threat
JABAR TASIKMALAYA	0215z	25	Oct	2023	3.8m	Threat
JABAR GARUT	0220z	25	Oct	2023	3.2m	Threat
NTT MANGGARAI-BARAT P.	0220z	25	Oct	2023	2.9m	Threat

NTT SUMBA T	0221z	25	Oct	2023	3.5m	Threat
JABAR CIANJUR SINDANGBARANG	0222z	25	Oct	2023	2.7m	Threat
JABAR SUKABUMI UJUNG-GENTENG	0229z	25	Oct	2023	2.6m	Threat
NTT MANGGARAI-BARAT S	0230z	25	Oct	2023	2.4m	Threat
NTT MANGGARAI S	0239z	25	Oct	2023	1.9m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0240z	25	Oct	2023	3.3m	Threat
BANTEN LEBAK	0243z	25	Oct	2023	2.3m	Threat
BANTEN PANDEGLANG S	0244z	25	Oct	2023	2.3m	Threat
NTT KUPANG	0244z	25	Oct	2023	1.8m	Threat
BANTEN PANDEGLANG P.PANAITAN	0252z	25	Oct	2023	1.6m	Threat
LAMPUNG TANGGAMUS B	0301z	25	Oct	2023	2.4m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0309z	25	Oct	2023	2.5m	Threat
LAMPUNG TANGGAMUS P.TABUAN	0310z	25	Oct	2023	1.6m	Threat
LAMPUNG TANGGAMUS T	0310z	25	Oct	2023	2.2m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0311z	25	Oct	2023	2.3m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	0313z	25	Oct	2023	2.6m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0313z	25	Oct	2023	1.9m	Threat
BANTEN PANDEGLANG U	0315z	25	Oct	2023	1.7m	Threat
LAMPUNG LAMPUNG-SELATAN B	0318z	25	Oct	2023	1.3m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0318z	25	Oct	2023	2.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0321z	25	Oct	2023	2.7m	Threat
NTT ROTENDAO	0322z	25	Oct	2023	1.7m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0326z	25	Oct	2023	1.5m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0327z	25	Oct	2023	2.3m	Threat
NTB BIMA P.GILI	0328z	25	Oct	2023	1.4m	Threat
BENGKULU KAUR	0329z	25	Oct	2023	1.9m	Threat
PANTE MACASSAR	0334z	25	Oct	2023	1.3m	Threat
BENGKULU BENGKULU-SELATAN	0334z	25	Oct	2023	1.2m	Threat
NTT KOTA-KUPANG	0335z	25	Oct	2023	1.7m	Threat
NTT LEMBATA S	0338z	25	Oct	2023	1.2m	Threat
NTT ALOR S	0340z	25	Oct	2023	1.3m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	0342z	25	Oct	2023	1.6m	Threat
BANTEN SERANG B	0345z	25	Oct	2023	1.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0346z	25	Oct	2023	2.2m	Threat
NTT BELU U	0346z	25	Oct	2023	0.9m	Threat
NTT NGADA S	0347z	25	Oct	2023	1.2m	Threat
BENGKULU SELUMA	0352z	25	Oct	2023	2.1m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0354z	25	Oct	2023	3.2m	Threat
NTT ENDE S	0359z	25	Oct	2023	1.3m	Threat
BANTEN KOTA-CILEGON	0359z	25	Oct	2023	2.2m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0402z	25	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	0408z	25	Oct	2023	1.9m	Threat
NTT SIKKA S	0408z	25	Oct	2023	1.0m	Threat
BENGKULU BENGKULU-UTARA U	0411z	25	Oct	2023	1.0m	Threat
NTT FLORES-TIMUR S	0413z	25	Oct	2023	1.6m	Threat
NTT FLORES-TIMUR P.SOLOR	0450z	25	Oct	2023	1.1m	Threat
MUARASIBERUT	0457z	25	Oct	2023	1.5m	Threat
SUMBAR PESISIR-SELATAN S	0505z	25	Oct	2023	0.8m	Threat
SUMBAR KOTA-PADANG U	0524z	25	Oct	2023	0.6m	Threat
SUMBAR PADANG-PARIAMAN U	0525z	25	Oct	2023	0.6m	Threat
SUMBAR AGAM	0543z	25	Oct	2023	0.8m	Threat
SUMBAR KOTA-PARIAMAN	0548z	25	Oct	2023	0.7m	Threat
NIAS-EAST	0552z	25	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	0553z	25	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0607z	25	Oct	2023	1.6m	Threat
BENGKULU MUKOMUKO	0627z	25	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL S	0837z	25	Oct	2023	0.8m	Threat
NTT TIMOR-TENGAH-SELATAN	0910z	25	Oct	2023	0.8m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0912z	25	Oct	2023	1.4m	Threat

NAD ACEH-SELATAN S	0915z	25 Oct 2023	0.7m	Threat
SUMUT MANDAILING-NATAL U	0936z	25 Oct 2023	0.7m	Threat
SUMUT TAPANULI-SELATAN	1051z	25 Oct 2023	0.9m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1056z	25 Oct 2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	1101z	25 Oct 2023	1.0m	Threat
SUMUT TAPANULI-TENGAH U	1157z	25 Oct 2023	1.0m	Threat
NAD SIMEULUE P.SIMEULUE	1227z	25 Oct 2023	0.8m	Threat
NAD ACEH-BARAT-DAYA	1236z	25 Oct 2023	0.7m	Threat
NAD ACEH-SELATAN U	1238z	25 Oct 2023	0.6m	Threat
SUMUT NIAS B	1254z	25 Oct 2023	0.8m	Threat
SUMUT NIAS-SELATAN P.TANABALA	1259z	25 Oct 2023	0.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	1324z	25 Oct 2023	0.7m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1410z	25 Oct 2023	0.6m	Threat
NAD NAGAN-RAYA	1623z	25 Oct 2023	0.7m	Threat
SUMBAR PESISIR-SELATAN U	1734z	25 Oct 2023	0.7m	Threat
NIAS	1739z	25 Oct 2023	0.8m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	1908z	25 Oct 2023	0.6m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	1917z	25 Oct 2023	0.7m	Threat
SUMBAR KOTA-PADANG S	1919z	25 Oct 2023	0.6m	Threat
NAD ACEH-JAYA	2202z	25 Oct 2023	0.5m	Threat
NIAS-NORTH	2204z	25 Oct 2023	0.5m	Threat
NAD ACEH-BARAT	2213z	25 Oct 2023	0.8m	Threat
NAD ACEH-BESAR B	2214z	25 Oct 2023	0.5m	Threat
NAD ACEH-SINGKIL	2316z	25 Oct 2023	0.6m	Threat
SOUTH OF BODAHAYIONE	2313z	25 Oct 2023	0.6m	Threat
NAD ACEH-BESAR P.BREUEH	0156z	26 Oct 2023	0.8m	Threat
GUNUNGSITOLI	0215z	26 Oct 2023	0.5m	Threat
SUMBAR PADANG-PARIAMAN S	0245z	26 Oct 2023	0.5m	Threat

KENYA

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MALINDI	2206z	25 Oct 2023	0.8m	Threat
KISIMACHANDE	0120z	26 Oct 2023	0.8m	Threat
MVULENI	0146z	26 Oct 2023	0.6m	Threat
KIPINI	0150z	26 Oct 2023	0.6m	Threat
KIWAYU	0205z	26 Oct 2023	0.5m	Threat

MADAGASCAR

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TOAMASINA AIRPORT	1124z	25 Oct 2023	2.0m	Threat
AMBAHY	1130z	25 Oct 2023	2.6m	Threat
MANANTENINA	1143z	25 Oct 2023	1.2m	Threat
TAMPOLO	1144z	25 Oct 2023	0.8m	Threat
VOHEMAR	1300z	25 Oct 2023	1.0m	Threat
FARAFAGANA	1329z	25 Oct 2023	1.1m	Threat
SAMPONA	1736z	25 Oct 2023	1.2m	Threat

MALDIVES

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KULHUDUFFUSHI	0756z	25 Oct 2023	1.1m	Threat
DHIYAMIGILI	0845z	25 Oct 2023	1.2m	Threat
KOLHUFUSHI	1004z	25 Oct 2023	0.9m	Threat
THINADHOO	1025z	25 Oct 2023	0.8m	Threat
NILANDHOO	1143z	25 Oct 2023	0.9m	Threat
MALE	1150z	25 Oct 2023	1.0m	Threat
FERIDHOO	1501z	25 Oct 2023	1.0m	Threat
GOIDHOO	1644z	25 Oct 2023	0.7m	Threat

MAURITIUS

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 LA FERME 1124z 25 Oct 2023 0.7m Threat  
 GRANDE REVIERE SUD EST-EAST 1129z 25 Oct 2023 0.8m Threat  
 CARGADOS CARAJOS 1225z 25 Oct 2023 0.8m Threat

MOZAMBIQUE

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 MAGUEMBA 1629z 25 Oct 2023 0.8m Threat  
 MALUANA 1937z 25 Oct 2023 0.9m Threat  
 TAVARI 2221z 25 Oct 2023 0.7m Threat  
 MAPUTO 2249z 25 Oct 2023 0.5m Threat  
 ZAVALA 2257z 25 Oct 2023 0.6m Threat  
 MOGINCUAL 2331z 25 Oct 2023 0.6m Threat  
 OCONE 2344z 25 Oct 2023 0.5m Threat  
 INHASSORO 2359z 25 Oct 2023 0.5m Threat  
 VILA DO CHINDE 0005z 26 Oct 2023 0.6m Threat  
 NOVA LUSITANIA 0019z 26 Oct 2023 0.6m Threat  
 MAIONGUE 0056z 26 Oct 2023 0.5m Threat  
 XAI-XAI 0226z 26 Oct 2023 0.7m Threat

MYANMAR

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 CHEDUBA ISLAND 2216z 25 Oct 2023 0.5m Threat  
 MAWYEN 0218z 26 Oct 2023 0.5m Threat

OMAN

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 SALALAH 1443z 25 Oct 2023 0.9m Threat  
 HASIK 2351z 25 Oct 2023 0.5m Threat  
 MIRBAT 0021z 26 Oct 2023 0.5m Threat  
 AD DUQM 0141z 26 Oct 2023 0.6m Threat

SEYCHELLES

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 FREGATE ISLAND 1354z 25 Oct 2023 0.8m Threat  
 TAKAMAKA 1658z 25 Oct 2023 0.7m Threat

SOMALIA

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 BANDER-BEYLA 1414z 25 Oct 2023 0.8m Threat  
 TOOXIN 1418z 25 Oct 2023 1.2m Threat  
 XARARDHEERE 1434z 25 Oct 2023 0.8m Threat  
 ABO 1737z 25 Oct 2023 0.5m Threat  
 NE BEERNAASI 1745z 25 Oct 2023 0.6m Threat  
 GALDOGOB 2100z 25 Oct 2023 0.6m Threat  
 CEEL DHEER 2332z 25 Oct 2023 0.5m Threat  
 JARIIBAN 2340z 25 Oct 2023 0.6m Threat  
 MAREEG 0007z 26 Oct 2023 0.6m Threat  
 EYL 0134z 26 Oct 2023 0.6m Threat

SOUTH AFRICA

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 LAKE SIBAYI 1559z 25 Oct 2023 1.0m Threat  
 WILLOWVALE 1656z 25 Oct 2023 0.7m Threat  
 LUSIKISIKI 1709z 25 Oct 2023 1.1m Threat  
 MARSHSTRAND 1718z 25 Oct 2023 1.1m Threat  
 KAYSERS BEACH 1721z 25 Oct 2023 0.7m Threat  
 MANDI 1732z 25 Oct 2023 0.8m Threat  
 FUNK SEAMOUNT 1747z 25 Oct 2023 0.7m Threat



BIZANA	1802z	25	Oct	2023	0.8m	Threat
PORT ELIZABETH	1813z	25	Oct	2023	1.0m	Threat
ALEXANDRIA	1906z	25	Oct	2023	0.8m	Threat
KOSIMEER	1921z	25	Oct	2023	0.9m	Threat
KENTANI	1925z	25	Oct	2023	0.9m	Threat
MARGATE	1930z	25	Oct	2023	0.5m	Threat
MOSSEL	2029z	25	Oct	2023	1.4m	Threat
PORT DURNFORD	2129z	25	Oct	2023	0.6m	Threat
WITAAND	2218z	25	Oct	2023	0.6m	Threat
BREDASDORP	2229z	25	Oct	2023	0.9m	Threat
PEDDIE	2321z	25	Oct	2023	0.8m	Threat
BATHURST	2343z	25	Oct	2023	0.5m	Threat
ZIKHOVA	0028z	26	Oct	2023	0.5m	Threat
GEORGE	0046z	26	Oct	2023	0.5m	Threat
ABORETUM	0130z	26	Oct	2023	0.6m	Threat
ELLIOTDALE	0138z	26	Oct	2023	0.5m	Threat
HEIDELBERG	0209z	26	Oct	2023	0.7m	Threat

SRI LANKA

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KATTANKUDI	0916z	25	Oct	2023	1.0m	Threat
HAMBANTOTA	0930z	25	Oct	2023	0.9m	Threat
AKKARAIATTU	0939z	25	Oct	2023	1.3m	Threat
BATTICALOA	0940z	25	Oct	2023	1.1m	Threat
PANKULAM	1014z	25	Oct	2023	0.6m	Threat
MULLAITTIVU	1118z	25	Oct	2023	0.6m	Threat
KIRINDA	1241z	25	Oct	2023	0.8m	Threat
OKANDA	1404z	25	Oct	2023	1.0m	Threat
MORATUWA	1437z	25	Oct	2023	0.6m	Threat
MUSALI	1453z	25	Oct	2023	0.8m	Threat
COLOMBO	1500z	25	Oct	2023	0.8m	Threat
MANNAR ISLAND	1518z	25	Oct	2023	0.7m	Threat
POTTUVIL	1525z	25	Oct	2023	0.8m	Threat
MATARA	1534z	25	Oct	2023	0.6m	Threat
MUNDAL LAKE	1726z	25	Oct	2023	0.7m	Threat
GALLE	1745z	25	Oct	2023	0.7m	Threat
CHAVAKACHCHERI	1805z	25	Oct	2023	0.5m	Threat
TANGALLE	1835z	25	Oct	2023	0.5m	Threat
NEGOMBO	2017z	25	Oct	2023	0.6m	Threat
CHUNDIKKULAM	2047z	25	Oct	2023	0.7m	Threat
BERUWALA	2238z	25	Oct	2023	0.5m	Threat
POINT PEDRO	2304z	25	Oct	2023	0.7m	Threat
AMBALANGODA	2334z	25	Oct	2023	0.6m	Threat
ANAITIVU	0014z	26	Oct	2023	0.5m	Threat

TANZANIA

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WEST TO KONDE	1628z	25	Oct	2023	0.8m	Threat
BAGAMOYO	0133z	26	Oct	2023	0.7m	Threat
BOMALANDNI	0142z	26	Oct	2023	0.6m	Threat
VUMBA	0211z	26	Oct	2023	0.6m	Threat

THAILAND

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THAI MUEANG_TAKUA PA	0032z	26	Oct	2023	0.5m	Threat
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TIMOR-LESTE

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PANTE MACASSAR	0336z	25	Oct	2023	0.9m	Threat
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BOBONARO	0449z	25 Oct 2023	1.0m	Threat
LIQUICA	0739z	25 Oct 2023	0.6m	Threat
COVALIMA	1534z	25 Oct 2023	0.6m	Threat

UNITED KINGDOM

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MORESBY ISLAND	1026z	25 Oct 2023	0.6m	Threat
DIEGO GARCIA	1213z	25 Oct 2023	0.5m	Threat

YEMEN

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SOCOTRA ISLAND SOUTH	1354z	25 Oct 2023	0.8m	Threat
SOCOTRA ISLAND NORTH	1443z	25 Oct 2023	0.8m	Threat
AL GHAYDAH AIRPORT	1623z	25 Oct 2023	0.9m	Threat
HUSWAYN	1742z	25 Oct 2023	0.9m	Threat
DAMQAWT	1827z	25 Oct 2023	0.8m	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](mailto:tsunami@incois.gov.in)  
Web: [www.incois.gov.in](http://www.incois.gov.in)

END OF BULLETIN

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

#####

# 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 0700 UTC WEDNESDAY 25 OCTOBER 2023  
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... 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: 9.1 Mwp (UPDATED)  
Depth: 10 km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

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

LOCATION	LAT	LON	TIME	DATE	AMPL
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Benoa (INDONESIA)	8.75S	115.22E	0226z	25 Oct 2023	11.7m
Christmas Island (AUSTRALIA)	10.4S	105.67E	0229z	25 Oct 2023	1.1m
DART 56001 (AUSTRALIA)	13.9S	110.00E	0236z	25 Oct 2023	2.2m
Prigi (INDONESIA)	8.28S	111.73E	0236z	25 Oct 2023	9.0m
Waikelo (INDONESIA)	9.39S	119.22E	0247z	25 Oct 2023	5.2m
Eggano (INDONESIA)	5.35S	102.28E	0335z	25 Oct 2023	2.4m
Cocos Island (AUSTRALIA)	12.1S	96.89E	0346z	25 Oct 2023	0.6m
Seblat (INDONESIA)	3.22S	101.60E	0427z	25 Oct 2023	1.6m
Telukdalam (INDONESIA)	0.55N	97.82E	0442z	25 Oct 2023	1.0m
Point Murat (AUSTRALIA)	21.8S	114.19E	0446z	25 Oct 2023	6.8m
Padang (INDONESIA)	1.00S	100.37E	0509z	25 Oct 2023	0.4m
Broome (AUSTRALIA)	18.0S	122.22E	0542z	25 Oct 2023	1.0m
Meulaboh (INDONESIA)	4.13N	96.13E	0603z	25 Oct 2023	0.4m
Sabang (INDONESIA)	5.83N	95.33E	0617z	25 Oct 2023	0.1m
Nancowry (INDIA)	8.05N	93.55E	0637z	25 Oct 2023	0.2m

## 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

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CHRISTMAS ISLAND          0229z  25 Oct 2023 0.9m  Threat
NINGALOO COAST           0415z  25 Oct 2023 8.4m  Threat
PILBARA COAST WEST       0421z  25 Oct 2023 4.5m  Threat
WEST KIMBERLY COAST      0439z  25 Oct 2023 2.4m  Threat
PILBARA COAST EAST       0444z  25 Oct 2023 4.0m  Threat
GASCOYNE COAST          0504z  25 Oct 2023 3.2m  Threat
NORTH KIMBERLY COAST     0515z  25 Oct 2023 1.8m  Threat
GERALDTON COAST         0522z  25 Oct 2023 2.4m  Threat
LANCELIN COAST          0554z  25 Oct 2023 1.2m  Threat
PERTH COAST              0559z  25 Oct 2023 1.5m  Threat
BUNBURY GEOGRAPHE COAST 0621z  25 Oct 2023 1.6m  Threat
LEEUEWIN COAST           0624z  25 Oct 2023 1.2m  Threat
ASHMORE REEF             0940z  25 Oct 2023 0.8m  Threat
BEAGLE BONAPARTE COAST  0958z  25 Oct 2023 1.0m  Threat
HEARD ISLAND AND MCDONALD ISLANDS 1145z  25 Oct 2023 2.1m  Threat
AURORA BANK              1235z  25 Oct 2023 0.9m  Threat
ALBANY COAST             1456z  25 Oct 2023 0.8m  Threat
NORTH TIWI COAST        1916z  25 Oct 2023 0.8m  Threat
ESPERENCE COAST         2229z  25 Oct 2023 0.6m  Threat
EUCLA COAST              0112z  26 Oct 2023 0.5m  Threat
ARAFURA COAST           0211z  26 Oct 2023 0.7m  Threat
SOUTH CENTRAL COAST SA  0240z  26 Oct 2023 0.6m  Threat

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FRANCE

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LLE SAINT-PAUL-SOUTH    0929z  25 Oct 2023 0.7m  Threat
SAINT - JOSEPH          1112z  25 Oct 2023 0.6m  Threat
ILE KERGUELEN           1120z  25 Oct 2023 2.2m  Threat
CROZET PLATEAU          1237z  25 Oct 2023 0.8m  Threat
ILE DE LA POSSESSION    1315z  25 Oct 2023 1.1m  Threat
NES CROZET              1549z  25 Oct 2023 0.5m  Threat
LLE SAINT-PAUL-NORTH    1707z  25 Oct 2023 0.5m  Threat

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INDIA

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MAHABALIPURAM           1003z  25 Oct 2023 0.9m  Threat
MACHILIPATNAM           1042z  25 Oct 2023 0.8m  Threat
KOTTAPATNAM             1054z  25 Oct 2023 1.2m  Threat
ENNORE                   1059z  25 Oct 2023 1.4m  Threat
NIJAMPATTANAM           1101z  25 Oct 2023 1.2m  Threat
KAKINADA                 1104z  25 Oct 2023 0.7m  Threat
VISAKHAPATNAM           1105z  25 Oct 2023 0.8m  Threat
KANYAKUMARI             1107z  25 Oct 2023 1.0m  Threat
TUTICORIN               1115z  25 Oct 2023 1.0m  Threat
RAMESWARAM               1120z  25 Oct 2023 1.1m  Threat
KODANKULAM              1120z  25 Oct 2023 0.9m  Threat
ALLEPPEY ALAPPUZHA      1150z  25 Oct 2023 0.7m  Threat
SRIHARIKOTA             1426z  25 Oct 2023 1.0m  Threat
AGATTI                   1447z  25 Oct 2023 0.6m  Threat
COCHIN                   1458z  25 Oct 2023 0.6m  Threat
KARAIKAL                 1505z  25 Oct 2023 0.7m  Threat
CHENNAI                  1513z  25 Oct 2023 1.1m  Threat
JAMBOO                   1546z  25 Oct 2023 0.8m  Threat

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PUDUCHERRY	1555z	25	Oct	2023	0.6m	Threat
KANNUR	1613z	25	Oct	2023	0.6m	Threat
BEYPORE	1623z	25	Oct	2023	0.6m	Threat
VAKKAD	1644z	25	Oct	2023	0.5m	Threat
QUILON	1647z	25	Oct	2023	0.5m	Threat
KOMATRA & KATCHAL ISLAND	1720z	25	Oct	2023	0.8m	Threat
INDIRA POINT	1726z	25	Oct	2023	0.6m	Threat
CAR NICOBAR	1735z	25	Oct	2023	0.6m	Threat
POOMBUHAR	1753z	25	Oct	2023	0.6m	Threat
KOTTTAIPPATTANAM	1757z	25	Oct	2023	0.8m	Threat
PERUPALEM	1831z	25	Oct	2023	0.7m	Threat
DHAMRA	1848z	25	Oct	2023	0.7m	Threat
DIGHA	1904z	25	Oct	2023	0.5m	Threat
NAGAPATTINAM	1933z	25	Oct	2023	0.7m	Threat
MAHE	1934z	25	Oct	2023	0.5m	Threat
NORTH SENTINEL ISLAND	1937z	25	Oct	2023	0.9m	Threat
LITTLE ANDAMAN	1937z	25	Oct	2023	0.7m	Threat
KALINGAPATNAM	1946z	25	Oct	2023	0.8m	Threat
CUDDALORE	2004z	25	Oct	2023	0.6m	Threat
MARAKKANAM	2006z	25	Oct	2023	0.7m	Threat
PURI	2048z	25	Oct	2023	0.8m	Threat
PORT BLAIR	2107z	25	Oct	2023	0.9m	Threat
VADANAPPALLY	2250z	25	Oct	2023	0.6m	Threat
MUTHUPET	2331z	25	Oct	2023	0.6m	Threat
MALLIPATTINAM	2342z	25	Oct	2023	0.6m	Threat
KONADA	2352z	25	Oct	2023	0.8m	Threat
WEST & LANDFALL ISLAND	0057z	26	Oct	2023	0.5m	Threat
GOPALPUR	0235z	26	Oct	2023	0.8m	Threat

INDONESIA

BALI BADUNG PANTAI-KUTA	0202z	25	Oct	2023	4.4m	Threat
BALI DENPASAR PANTAI-SANUR	0202z	25	Oct	2023	5.0m	Threat
JATENG PURWOREJO	0202z	25	Oct	2023	8.8m	Threat
JATIM TULUNGAGUNG	0202z	25	Oct	2023	7.6m	Threat
JATIM BANYUWANGI S	0203z	25	Oct	2023	4.9m	Threat
NTB KOTA-BIMA S	0203z	25	Oct	2023	3.3m	Threat
NTB SUMBAWA S	0203z	25	Oct	2023	3.5m	Threat
JATIM MALANG	0203z	25	Oct	2023	8.0m	Threat
JATIM JEMBER P.NUSABARUNG	0203z	25	Oct	2023	6.9m	Threat
NTB DOMPU S	0204z	25	Oct	2023	1.5m	Threat
NTB SUMBAWA B	0204z	25	Oct	2023	4.2m	Threat
JABAR CIAMIS	0204z	25	Oct	2023	5.8m	Threat
JATENG WONOGIRI	0204z	25	Oct	2023	9.2m	Threat
JATIM PACITAN	0204z	25	Oct	2023	8.9m	Threat
JATIM BLITAR	0204z	25	Oct	2023	8.8m	Threat
JATIM LUMAJANG	0204z	25	Oct	2023	5.8m	Threat
NTB LOMBOK-TENGAH	0204z	25	Oct	2023	3.0m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	0205z	25	Oct	2023	3.2m	Threat
NTB LOMBOK-TIMUR S	0205z	25	Oct	2023	2.7m	Threat
JATENG CILACAP	0205z	25	Oct	2023	6.7m	Threat
DIY KULON-PROGO	0205z	25	Oct	2023	9.3m	Threat
JATIM JEMBER	0206z	25	Oct	2023	9.0m	Threat
JATENG KEBUMEN	0206z	25	Oct	2023	6.7m	Threat
DIY BANTUL	0206z	25	Oct	2023	7.3m	Threat
DIY GUNUNG-KIDUL	0206z	25	Oct	2023	11.9m	Threat
JATIM TRENGGALEK	0206z	25	Oct	2023	8.3m	Threat
NTB LOMBOK-BARAT S	0206z	25	Oct	2023	2.9m	Threat
NTT SUMBA B	0207z	25	Oct	2023	2.8m	Threat

BALI TABANAN	0207z	25	Oct	2023	3.6m	Threat
JABAR TASIKMALAYA	0215z	25	Oct	2023	3.8m	Threat
JABAR GARUT	0220z	25	Oct	2023	3.2m	Threat
NTT MANGGARAI-BARAT P.	0220z	25	Oct	2023	2.9m	Threat
NTT SUMBA T	0221z	25	Oct	2023	3.5m	Threat
JABAR CIANJUR SINDANGBARANG	0222z	25	Oct	2023	2.7m	Threat
JABAR SUKABUMI UJUNG-GENTENG	0229z	25	Oct	2023	2.6m	Threat
NTT MANGGARAI-BARAT S	0230z	25	Oct	2023	2.4m	Threat
NTT MANGGARAI S	0239z	25	Oct	2023	1.9m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0240z	25	Oct	2023	3.3m	Threat
BANTEN LEBAK	0243z	25	Oct	2023	2.3m	Threat
BANTEN PANDEGLANG S	0244z	25	Oct	2023	2.3m	Threat
NTT KUPANG	0244z	25	Oct	2023	1.8m	Threat
BANTEN PANDEGLANG P.PANAITAN	0252z	25	Oct	2023	1.6m	Threat
LAMPUNG TANGGAMUS B	0301z	25	Oct	2023	2.4m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0309z	25	Oct	2023	2.5m	Threat
LAMPUNG TANGGAMUS P.TABUAN	0310z	25	Oct	2023	1.6m	Threat
LAMPUNG TANGGAMUS T	0310z	25	Oct	2023	2.2m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0311z	25	Oct	2023	2.3m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	0313z	25	Oct	2023	2.6m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0313z	25	Oct	2023	1.9m	Threat
BANTEN PANDEGLANG U	0315z	25	Oct	2023	1.7m	Threat
LAMPUNG LAMPUNG-SELATAN B	0318z	25	Oct	2023	1.3m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0318z	25	Oct	2023	2.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0321z	25	Oct	2023	2.7m	Threat
NTT ROTENDAO	0322z	25	Oct	2023	1.7m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0326z	25	Oct	2023	1.5m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0327z	25	Oct	2023	2.3m	Threat
NTB BIMA P.GILI	0328z	25	Oct	2023	1.4m	Threat
BENGKULU KAUR	0329z	25	Oct	2023	1.9m	Threat
PANTE MACASSAR	0334z	25	Oct	2023	1.3m	Threat
BENGKULU BENGKULU-SELATAN	0334z	25	Oct	2023	1.2m	Threat
NTT KOTA-KUPANG	0335z	25	Oct	2023	1.7m	Threat
NTT LEMBATA S	0338z	25	Oct	2023	1.2m	Threat
NTT ALOR S	0340z	25	Oct	2023	1.3m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	0342z	25	Oct	2023	1.6m	Threat
BANTEN SERANG B	0345z	25	Oct	2023	1.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0346z	25	Oct	2023	2.2m	Threat
NTT BELU U	0346z	25	Oct	2023	0.9m	Threat
NTT NGADA S	0347z	25	Oct	2023	1.2m	Threat
BENGKULU SELUMA	0352z	25	Oct	2023	2.1m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0354z	25	Oct	2023	3.2m	Threat
NTT ENDE S	0359z	25	Oct	2023	1.3m	Threat
BANTEN KOTA-CILEGON	0359z	25	Oct	2023	2.2m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0402z	25	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	0408z	25	Oct	2023	1.9m	Threat
NTT SIKKA S	0408z	25	Oct	2023	1.0m	Threat
BENGKULU BENGKULU-UTARA U	0411z	25	Oct	2023	1.0m	Threat
NTT FLORES-TIMUR S	0413z	25	Oct	2023	1.6m	Threat
NTT FLORES-TIMUR P.SOLOR	0450z	25	Oct	2023	1.1m	Threat
MUARASIBERUT	0457z	25	Oct	2023	1.5m	Threat
SUMBAR PESISIR-SELATAN S	0505z	25	Oct	2023	0.8m	Threat
SUMBAR KOTA-PADANG U	0524z	25	Oct	2023	0.6m	Threat
SUMBAR PADANG-PARIAMAN U	0525z	25	Oct	2023	0.6m	Threat
SUMBAR AGAM	0543z	25	Oct	2023	0.8m	Threat
SUMBAR KOTA-PARIAMAN	0548z	25	Oct	2023	0.7m	Threat
NIAS-EAST	0552z	25	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	0553z	25	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0607z	25	Oct	2023	1.6m	Threat

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BENGKULU MUKOMUKO	0627z	25 Oct 2023	1.1m	Threat
SUMUT MANDAILING-NATAL S	0837z	25 Oct 2023	0.8m	Threat
NTT TIMOR-TENGAH-SELATAN	0910z	25 Oct 2023	0.8m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0912z	25 Oct 2023	1.4m	Threat
NAD ACEH-SELATAN S	0915z	25 Oct 2023	0.7m	Threat
SUMUT MANDAILING-NATAL U	0936z	25 Oct 2023	0.7m	Threat
SUMUT TAPANULI-SELATAN	1051z	25 Oct 2023	0.9m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1056z	25 Oct 2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	1101z	25 Oct 2023	1.0m	Threat
SUMUT TAPANULI-TENGAH U	1157z	25 Oct 2023	1.0m	Threat
NAD SIMEULUE P.SIMEULUE	1227z	25 Oct 2023	0.8m	Threat
NAD ACEH-BARAT-DAYA	1236z	25 Oct 2023	0.7m	Threat
NAD ACEH-SELATAN U	1238z	25 Oct 2023	0.6m	Threat
SUMUT NIAS B	1254z	25 Oct 2023	0.8m	Threat
SUMUT NIAS-SELATAN P.TANABALA	1259z	25 Oct 2023	0.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	1324z	25 Oct 2023	0.7m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1410z	25 Oct 2023	0.6m	Threat
NAD NAGAN-RAYA	1623z	25 Oct 2023	0.7m	Threat
SUMBAR PESISIR-SELATAN U	1734z	25 Oct 2023	0.7m	Threat
NIAS	1739z	25 Oct 2023	0.8m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	1908z	25 Oct 2023	0.6m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	1917z	25 Oct 2023	0.7m	Threat
SUMBAR KOTA-PADANG S	1919z	25 Oct 2023	0.6m	Threat
NAD ACEH-JAYA	2202z	25 Oct 2023	0.5m	Threat
NIAS-NORTH	2204z	25 Oct 2023	0.5m	Threat
NAD ACEH-BARAT	2213z	25 Oct 2023	0.8m	Threat
NAD ACEH-BESAR B	2214z	25 Oct 2023	0.5m	Threat
NAD ACEH-SINGKIL	2316z	25 Oct 2023	0.6m	Threat
SOUTH OF BODAHAYIONE	2313z	25 Oct 2023	0.6m	Threat
NAD ACEH-BESAR P.BREUEH	0156z	26 Oct 2023	0.8m	Threat
GUNUNGSITOLI	0215z	26 Oct 2023	0.5m	Threat
SUMBAR PADANG-PARIAMAN S	0245z	26 Oct 2023	0.5m	Threat
KENYA				
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MALINDI	2206z	25 Oct 2023	0.8m	Threat
KISIMACHANDE	0120z	26 Oct 2023	0.8m	Threat
MVULENI	0146z	26 Oct 2023	0.6m	Threat
KIPINI	0150z	26 Oct 2023	0.6m	Threat
KIWAYU	0205z	26 Oct 2023	0.5m	Threat
MADAGASCAR				
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TOAMASINA AIRPORT	1124z	25 Oct 2023	2.0m	Threat
AMBAHY	1130z	25 Oct 2023	2.6m	Threat
MANANTENINA	1143z	25 Oct 2023	1.2m	Threat
TAMPOLO	1144z	25 Oct 2023	0.8m	Threat
VOHEMAR	1300z	25 Oct 2023	1.0m	Threat
FARAFAGANA	1329z	25 Oct 2023	1.1m	Threat
SAMPONA	1736z	25 Oct 2023	1.2m	Threat
MALDIVES				
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KULHUDUFFUSHI	0756z	25 Oct 2023	1.1m	Threat
DHIYAMIGILI	0845z	25 Oct 2023	1.2m	Threat
KOLHUFUSHI	1004z	25 Oct 2023	0.9m	Threat
THINADHOO	1025z	25 Oct 2023	0.8m	Threat
NILANDHOO	1143z	25 Oct 2023	0.9m	Threat
MALE	1150z	25 Oct 2023	1.0m	Threat



FERIDHOO	1501z	25 Oct 2023	1.0m	Threat
GOIDHOO	1644z	25 Oct 2023	0.7m	Threat
MAURITIUS				
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LA FERME	1124z	25 Oct 2023	0.7m	Threat
GRANDE REVIERE SUD EST-EAST	1129z	25 Oct 2023	0.8m	Threat
CARGADOS CARAJOS	1225z	25 Oct 2023	0.8m	Threat
MOZAMBIQUE				
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MAGUEMBA	1629z	25 Oct 2023	0.8m	Threat
MALUANA	1937z	25 Oct 2023	0.9m	Threat
TAVARI	2221z	25 Oct 2023	0.7m	Threat
MAPUTO	2249z	25 Oct 2023	0.5m	Threat
ZAVALA	2257z	25 Oct 2023	0.6m	Threat
MOGINCUAL	2331z	25 Oct 2023	0.6m	Threat
OCONE	2344z	25 Oct 2023	0.5m	Threat
INHASSORO	2359z	25 Oct 2023	0.5m	Threat
VILA DO CHINDE	0005z	26 Oct 2023	0.6m	Threat
NOVA LUSITANIA	0019z	26 Oct 2023	0.6m	Threat
MAIONGUE	0056z	26 Oct 2023	0.5m	Threat
XAI-XAI	0226z	26 Oct 2023	0.7m	Threat
MYANMAR				
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CHEDUBA ISLAND	2216z	25 Oct 2023	0.5m	Threat
MAWYEN	0218z	26 Oct 2023	0.5m	Threat
OMAN				
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SALALAH	1443z	25 Oct 2023	0.9m	Threat
HASIK	2351z	25 Oct 2023	0.5m	Threat
MIRBAT	0021z	26 Oct 2023	0.5m	Threat
AD DUQM	0141z	26 Oct 2023	0.6m	Threat
SEYCHELLES				
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FREGATE ISLAND	1354z	25 Oct 2023	0.8m	Threat
TAKAMAKA	1658z	25 Oct 2023	0.7m	Threat
SOMALIA				
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BANDER-BEYLA	1414z	25 Oct 2023	0.8m	Threat
TOOXIN	1418z	25 Oct 2023	1.2m	Threat
XARARDHEERE	1434z	25 Oct 2023	0.8m	Threat
ABO	1737z	25 Oct 2023	0.5m	Threat
NE BEERNAASI	1745z	25 Oct 2023	0.6m	Threat
GALDOGOB	2100z	25 Oct 2023	0.6m	Threat
CEEL DHEER	2332z	25 Oct 2023	0.5m	Threat
JARIIBAN	2340z	25 Oct 2023	0.6m	Threat
MAREEG	0007z	26 Oct 2023	0.6m	Threat
EYL	0134z	26 Oct 2023	0.6m	Threat
SOUTH AFRICA				
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LAKE SIBAYI	1559z	25 Oct 2023	1.0m	Threat
WILLOWVALE	1656z	25 Oct 2023	0.7m	Threat
LUSIKISIKI	1709z	25 Oct 2023	1.1m	Threat

MARSHSTRAND	1718z	25	Oct	2023	1.1m	Threat
KAYSERS BEACH	1721z	25	Oct	2023	0.7m	Threat
MANDI	1732z	25	Oct	2023	0.8m	Threat
FUNK SEAMOUNT	1747z	25	Oct	2023	0.7m	Threat
BIZANA	1802z	25	Oct	2023	0.8m	Threat
PORT ELIZABETH	1813z	25	Oct	2023	1.0m	Threat
ALEXANDRIA	1906z	25	Oct	2023	0.8m	Threat
KOSIMEER	1921z	25	Oct	2023	0.9m	Threat
KENTANI	1925z	25	Oct	2023	0.9m	Threat
MARGATE	1930z	25	Oct	2023	0.5m	Threat
MOSSEL	2029z	25	Oct	2023	1.4m	Threat
PORT DURNFORD	2129z	25	Oct	2023	0.6m	Threat
WITAAND	2218z	25	Oct	2023	0.6m	Threat
BREDASDORP	2229z	25	Oct	2023	0.9m	Threat
PEDDIE	2321z	25	Oct	2023	0.8m	Threat
BATHURST	2343z	25	Oct	2023	0.5m	Threat
ZIKHOVA	0028z	26	Oct	2023	0.5m	Threat
GEORGE	0046z	26	Oct	2023	0.5m	Threat
ABORETUM	0130z	26	Oct	2023	0.6m	Threat
ELLIOTDALE	0138z	26	Oct	2023	0.5m	Threat
HEIDELBERG	0209z	26	Oct	2023	0.7m	Threat

SRI LANKA

KATTANKUDI	0916z	25	Oct	2023	1.0m	Threat
HAMBANTOTA	0930z	25	Oct	2023	0.9m	Threat
AKKARAIATTU	0939z	25	Oct	2023	1.3m	Threat
BATTICALOA	0940z	25	Oct	2023	1.1m	Threat
PANKULAM	1014z	25	Oct	2023	0.6m	Threat
MULLAITTIVU	1118z	25	Oct	2023	0.6m	Threat
KIRINDA	1241z	25	Oct	2023	0.8m	Threat
OKANDA	1404z	25	Oct	2023	1.0m	Threat
MORATUWA	1437z	25	Oct	2023	0.6m	Threat
MUSALI	1453z	25	Oct	2023	0.8m	Threat
COLOMBO	1500z	25	Oct	2023	0.8m	Threat
MANNAR ISLAND	1518z	25	Oct	2023	0.7m	Threat
POTTUVIL	1525z	25	Oct	2023	0.8m	Threat
MATARA	1534z	25	Oct	2023	0.6m	Threat
MUNDAL LAKE	1726z	25	Oct	2023	0.7m	Threat
GALLE	1745z	25	Oct	2023	0.7m	Threat
CHAVAKACHCHERI	1805z	25	Oct	2023	0.5m	Threat
TANGALLE	1835z	25	Oct	2023	0.5m	Threat
NEGOMBO	2017z	25	Oct	2023	0.6m	Threat
CHUNDIKKULAM	2047z	25	Oct	2023	0.7m	Threat
BERUWALA	2238z	25	Oct	2023	0.5m	Threat
POINT PEDRO	2304z	25	Oct	2023	0.7m	Threat
AMBALANGODA	2334z	25	Oct	2023	0.6m	Threat
ANAITIVU	0014z	26	Oct	2023	0.5m	Threat

TANZANIA

WEST TO KONDE	1628z	25	Oct	2023	0.8m	Threat
BAGAMOYO	0133z	26	Oct	2023	0.7m	Threat
BOMALANDNI	0142z	26	Oct	2023	0.6m	Threat
VUMBA	0211z	26	Oct	2023	0.6m	Threat

THAILAND

THAI MUEANG_TAKUA PA	0032z	26	Oct	2023	0.5m	Threat
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TIMOR-LESTE

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PANTE MACASSAR	0336z	25 Oct 2023	0.9m	Threat
BOBONARO	0449z	25 Oct 2023	1.0m	Threat
LIQUICA	0739z	25 Oct 2023	0.6m	Threat
COVALIMA	1534z	25 Oct 2023	0.6m	Threat

UNITED KINGDOM

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MORESBY ISLAND	1026z	25 Oct 2023	0.6m	Threat
DIEGO GARCIA	1213z	25 Oct 2023	0.5m	Threat

YEMEN

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SOCOTRA ISLAND SOUTH	1354z	25 Oct 2023	0.8m	Threat
SOCOTRA ISLAND NORTH	1443z	25 Oct 2023	0.8m	Threat
AL GHAYDAH AIRPORT	1623z	25 Oct 2023	0.9m	Threat
HUSWAYN	1742z	25 Oct 2023	0.9m	Threat
DAMQAWT	1827z	25 Oct 2023	0.8m	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](mailto:tsunami@incois.gov.in)

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

END OF BULLETIN

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#####

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

# BULLETIN 9

```
#####  
#  
# 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 0800 UTC WEDNESDAY 25 OCTOBER 2023  
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... 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: 9.1 Mwp (UPDATED)  
Depth: 10 km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
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Benoa (INDONESIA)	8.75S	115.22E	0226z	25 Oct 2023	11.7m
Christmas Island (AUSTRALIA)	10.4S	105.67E	0229z	25 Oct 2023	1.1m
DART 56001 (AUSTRALIA)	13.9S	110.00E	0236z	25 Oct 2023	2.2m
Prigi (INDONESIA)	8.28S	111.73E	0236z	25 Oct 2023	9.0m
Waikelo (INDONESIA)	9.39S	119.22E	0247z	25 Oct 2023	5.2m
Eggano (INDONESIA)	5.35S	102.28E	0335z	25 Oct 2023	2.4m
Cocos Island (AUSTRALIA)	12.1S	96.89E	0346z	25 Oct 2023	0.6m
Seblat (INDONESIA)	3.22S	101.60E	0427z	25 Oct 2023	1.6m
Telukdalam (INDONESIA)	0.55N	97.82E	0442z	25 Oct 2023	1.0m
Point Murat (AUSTRALIA)	21.8S	114.19E	0446z	25 Oct 2023	6.8m
Padang (INDONESIA)	1.00S	100.37E	0509z	25 Oct 2023	0.4m
Broome (AUSTRALIA)	18.0S	122.22E	0542z	25 Oct 2023	1.0m
Meulaboh (INDONESIA)	4.13N	96.13E	0603z	25 Oct 2023	0.4m
Sabang (INDONESIA)	5.83N	95.33E	0617z	25 Oct 2023	0.1m
Nancowry (INDIA)	8.05N	93.55E	0637z	25 Oct 2023	0.2m
Portblair (INDIA)	11.6N	92.77E	0710z	25 Oct 2023	0.1m
Gan (MALDIVE ISLANDS)	0.69S	73.15E	0720z	25 Oct 2023	0.8m
Colombo (SRILANKA)	6.95N	79.85E	0731z	25 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

CHRISTMAS ISLAND	0229z	25 Oct 2023	0.9m	Threat
NINGALOO COAST	0415z	25 Oct 2023	8.4m	Threat
PILBARA COAST WEST	0421z	25 Oct 2023	4.5m	Threat
WEST KIMBERLY COAST	0439z	25 Oct 2023	2.4m	Threat
PILBARA COAST EAST	0444z	25 Oct 2023	4.0m	Threat
GASCOYNE COAST	0504z	25 Oct 2023	3.2m	Threat
NORTH KIMBERLY COAST	0515z	25 Oct 2023	1.8m	Threat
GERALDTON COAST	0522z	25 Oct 2023	2.4m	Threat
LANCELIN COAST	0554z	25 Oct 2023	1.2m	Threat
PERTH COAST	0559z	25 Oct 2023	1.5m	Threat
BUNBURY GEOGRAPHE COAST	0621z	25 Oct 2023	1.6m	Threat
LEEUVIN COAST	0624z	25 Oct 2023	1.2m	Threat
ASHMORE REEF	0940z	25 Oct 2023	0.8m	Threat
BEAGLE BONAPARTE COAST	0958z	25 Oct 2023	1.0m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1145z	25 Oct 2023	2.1m	Threat
AURORA BANK	1235z	25 Oct 2023	0.9m	Threat
ALBANY COAST	1456z	25 Oct 2023	0.8m	Threat
NORTH TIWI COAST	1916z	25 Oct 2023	0.8m	Threat
ESPERENCE COAST	2229z	25 Oct 2023	0.6m	Threat
EUCLA COAST	0112z	26 Oct 2023	0.5m	Threat
ARAFURA COAST	0211z	26 Oct 2023	0.7m	Threat
SOUTH CENTRAL COAST SA	0240z	26 Oct 2023	0.6m	Threat

FRANCE

LLE SAINT-PAUL-SOUTH	0929z	25 Oct 2023	0.7m	Threat
SAINT - JOSEPH	1112z	25 Oct 2023	0.6m	Threat
ILE KERGUELEN	1120z	25 Oct 2023	2.2m	Threat
CROZET PLATEAU	1237z	25 Oct 2023	0.8m	Threat
ILE DE LA POSSESSION	1315z	25 Oct 2023	1.1m	Threat
NES CROZET	1549z	25 Oct 2023	0.5m	Threat
LLE SAINT-PAUL-NORTH	1707z	25 Oct 2023	0.5m	Threat

INDIA

MAHABALIPURAM	1003z	25 Oct 2023	0.9m	Threat
MACHILIPATNAM	1042z	25 Oct 2023	0.8m	Threat
KOTTAPATNAM	1054z	25 Oct 2023	1.2m	Threat
ENNORE	1059z	25 Oct 2023	1.4m	Threat
NIJAMPATTANAM	1101z	25 Oct 2023	1.2m	Threat
KAKINADA	1104z	25 Oct 2023	0.7m	Threat
VISAKHAPATNAM	1105z	25 Oct 2023	0.8m	Threat
KANYAKUMARI	1107z	25 Oct 2023	1.0m	Threat
TUTICORIN	1115z	25 Oct 2023	1.0m	Threat
RAMESWARAM	1120z	25 Oct 2023	1.1m	Threat
KODANKULAM	1120z	25 Oct 2023	0.9m	Threat
ALLEPPEY ALAPPUZHA	1150z	25 Oct 2023	0.7m	Threat
SRIHARIKOTA	1426z	25 Oct 2023	1.0m	Threat
AGATTI	1447z	25 Oct 2023	0.6m	Threat
COCHIN	1458z	25 Oct 2023	0.6m	Threat
KARAIKAL	1505z	25 Oct 2023	0.7m	Threat

CHENNAI	1513z	25	Oct	2023	1.1m	Threat
JAMBOO	1546z	25	Oct	2023	0.8m	Threat
PUDUCHERRY	1555z	25	Oct	2023	0.6m	Threat
KANNUR	1613z	25	Oct	2023	0.6m	Threat
BEYPORE	1623z	25	Oct	2023	0.6m	Threat
VAKKAD	1644z	25	Oct	2023	0.5m	Threat
QUILON	1647z	25	Oct	2023	0.5m	Threat
KOMATRA & KATCHAL ISLAND	1720z	25	Oct	2023	0.8m	Threat
INDIRA POINT	1726z	25	Oct	2023	0.6m	Threat
CAR NICOBAR	1735z	25	Oct	2023	0.6m	Threat
POOMBUHAR	1753z	25	Oct	2023	0.6m	Threat
KOTTTAIPPATTANAM	1757z	25	Oct	2023	0.8m	Threat
PERUPALEM	1831z	25	Oct	2023	0.7m	Threat
DHAMRA	1848z	25	Oct	2023	0.7m	Threat
DIGHA	1904z	25	Oct	2023	0.5m	Threat
NAGAPATTINAM	1933z	25	Oct	2023	0.7m	Threat
MAHE	1934z	25	Oct	2023	0.5m	Threat
NORTH SENTINEL ISLAND	1937z	25	Oct	2023	0.9m	Threat
LITTLE ANDAMAN	1937z	25	Oct	2023	0.7m	Threat
KALINGAPATNAM	1946z	25	Oct	2023	0.8m	Threat
CUDDALORE	2004z	25	Oct	2023	0.6m	Threat
MARAKKANAM	2006z	25	Oct	2023	0.7m	Threat
PURI	2048z	25	Oct	2023	0.8m	Threat
PORT BLAIR	2107z	25	Oct	2023	0.9m	Threat
VADANAPPALLY	2250z	25	Oct	2023	0.6m	Threat
MUTHUPET	2331z	25	Oct	2023	0.6m	Threat
MALLIPATTINAM	2342z	25	Oct	2023	0.6m	Threat
KONADA	2352z	25	Oct	2023	0.8m	Threat
WEST & LANDFALL ISLAND	0057z	26	Oct	2023	0.5m	Threat
GOPALPUR	0235z	26	Oct	2023	0.8m	Threat
INDONESIA						
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BALI BADUNG PANTAI-KUTA	0202z	25	Oct	2023	4.4m	Threat
BALI DENPASAR PANTAI-SANUR	0202z	25	Oct	2023	5.0m	Threat
JATENG PURWOREJO	0202z	25	Oct	2023	8.8m	Threat
JATIM TULUNGAGUNG	0202z	25	Oct	2023	7.6m	Threat
JATIM BANYUWANGI S	0203z	25	Oct	2023	4.9m	Threat
NTB KOTA-BIMA S	0203z	25	Oct	2023	3.3m	Threat
NTB SUMBAWA S	0203z	25	Oct	2023	3.5m	Threat
JATIM MALANG	0203z	25	Oct	2023	8.0m	Threat
JATIM JEMBER P.NUSABARUNG	0203z	25	Oct	2023	6.9m	Threat
NTB DOMPU S	0204z	25	Oct	2023	1.5m	Threat
NTB SUMBAWA B	0204z	25	Oct	2023	4.2m	Threat
JABAR CIAMIS	0204z	25	Oct	2023	5.8m	Threat
JATENG WONOGIRI	0204z	25	Oct	2023	9.2m	Threat
JATIM PACITAN	0204z	25	Oct	2023	8.9m	Threat
JATIM BLITAR	0204z	25	Oct	2023	8.8m	Threat
JATIM LUMAJANG	0204z	25	Oct	2023	5.8m	Threat
NTB LOMBOK-TENGAH	0204z	25	Oct	2023	3.0m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	0205z	25	Oct	2023	3.2m	Threat
NTB LOMBOK-TIMUR S	0205z	25	Oct	2023	2.7m	Threat
JATENG CILACAP	0205z	25	Oct	2023	6.7m	Threat
DIY KULON-PROGO	0205z	25	Oct	2023	9.3m	Threat
JATIM JEMBER	0206z	25	Oct	2023	9.0m	Threat
JATENG KEBUMEN	0206z	25	Oct	2023	6.7m	Threat
DIY BANTUL	0206z	25	Oct	2023	7.3m	Threat
DIY GUNUNG-KIDUL	0206z	25	Oct	2023	11.9m	Threat
JATIM TRENGGALEK	0206z	25	Oct	2023	8.3m	Threat

NTB LOMBOK-BARAT S	0206z	25 Oct 2023	2.9m	Threat
NTT SUMBA B	0207z	25 Oct 2023	2.8m	Threat
BALI TABANAN	0207z	25 Oct 2023	3.6m	Threat
JABAR TASIKMALAYA	0215z	25 Oct 2023	3.8m	Threat
JABAR GARUT	0220z	25 Oct 2023	3.2m	Threat
NTT MANGGARAI-BARAT P.	0220z	25 Oct 2023	2.9m	Threat
NTT SUMBA T	0221z	25 Oct 2023	3.5m	Threat
JABAR CIANJUR SINDANGBARANG	0222z	25 Oct 2023	2.7m	Threat
JABAR SUKABUMI UJUNG-GENTENG	0229z	25 Oct 2023	2.6m	Threat
NTT MANGGARAI-BARAT S	0230z	25 Oct 2023	2.4m	Threat
NTT MANGGARAI S	0239z	25 Oct 2023	1.9m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0240z	25 Oct 2023	3.3m	Threat
BANTEN LEBAK	0243z	25 Oct 2023	2.3m	Threat
BANTEN PANDEGLANG S	0244z	25 Oct 2023	2.3m	Threat
NTT KUPANG	0244z	25 Oct 2023	1.8m	Threat
BANTEN PANDEGLANG P.PANAITAN	0252z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS B	0301z	25 Oct 2023	2.4m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0309z	25 Oct 2023	2.5m	Threat
LAMPUNG TANGGAMUS P.TABUAN	0310z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS T	0310z	25 Oct 2023	2.2m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0311z	25 Oct 2023	2.3m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	0313z	25 Oct 2023	2.6m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0313z	25 Oct 2023	1.9m	Threat
BANTEN PANDEGLANG U	0315z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-SELATAN B	0318z	25 Oct 2023	1.3m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0318z	25 Oct 2023	2.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0321z	25 Oct 2023	2.7m	Threat
NTT ROTENDAO	0322z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0326z	25 Oct 2023	1.5m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0327z	25 Oct 2023	2.3m	Threat
NTB BIMA P.GILI	0328z	25 Oct 2023	1.4m	Threat
BENGKULU KAUR	0329z	25 Oct 2023	1.9m	Threat
PANTE MACASSAR	0334z	25 Oct 2023	1.3m	Threat
BENGKULU BENGKULU-SELATAN	0334z	25 Oct 2023	1.2m	Threat
NTT KOTA-KUPANG	0335z	25 Oct 2023	1.7m	Threat
NTT LEMBATA S	0338z	25 Oct 2023	1.2m	Threat
NTT ALOR S	0340z	25 Oct 2023	1.3m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	0342z	25 Oct 2023	1.6m	Threat
BANTEN SERANG B	0345z	25 Oct 2023	1.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0346z	25 Oct 2023	2.2m	Threat
NTT BELU U	0346z	25 Oct 2023	0.9m	Threat
NTT NGADA S	0347z	25 Oct 2023	1.2m	Threat
BENGKULU SELUMA	0352z	25 Oct 2023	2.1m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0354z	25 Oct 2023	3.2m	Threat
NTT ENDE S	0359z	25 Oct 2023	1.3m	Threat
BANTEN KOTA-CILEGON	0359z	25 Oct 2023	2.2m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0402z	25 Oct 2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	0408z	25 Oct 2023	1.9m	Threat
NTT SIKKA S	0408z	25 Oct 2023	1.0m	Threat
BENGKULU BENGKULU-UTARA U	0411z	25 Oct 2023	1.0m	Threat
NTT FLORES-TIMUR S	0413z	25 Oct 2023	1.6m	Threat
NTT FLORES-TIMUR P.SOLOR	0450z	25 Oct 2023	1.1m	Threat
MUARASIBERUT	0457z	25 Oct 2023	1.5m	Threat
SUMBAR PESISIR-SELATAN S	0505z	25 Oct 2023	0.8m	Threat
SUMBAR KOTA-PADANG U	0524z	25 Oct 2023	0.6m	Threat
SUMBAR PADANG-PARIAMAN U	0525z	25 Oct 2023	0.6m	Threat
SUMBAR AGAM	0543z	25 Oct 2023	0.8m	Threat
SUMBAR KOTA-PARIAMAN	0548z	25 Oct 2023	0.7m	Threat
NIAS-EAST	0552z	25 Oct 2023	0.9m	Threat



SUMBAR KOTA-PADANG U	0553z	25	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0607z	25	Oct	2023	1.6m	Threat
BENGKULU MUKOMUKO	0627z	25	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL S	0837z	25	Oct	2023	0.8m	Threat
NTT TIMOR-TENGAH-SELATAN	0910z	25	Oct	2023	0.8m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0912z	25	Oct	2023	1.4m	Threat
NAD ACEH-SELATAN S	0915z	25	Oct	2023	0.7m	Threat
SUMUT MANDAILING-NATAL U	0936z	25	Oct	2023	0.7m	Threat
SUMUT TAPANULI-SELATAN	1051z	25	Oct	2023	0.9m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1056z	25	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	1101z	25	Oct	2023	1.0m	Threat
SUMUT TAPANULI-TENGAH U	1157z	25	Oct	2023	1.0m	Threat
NAD SIMEULUE P.SIMEULUE	1227z	25	Oct	2023	0.8m	Threat
NAD ACEH-BARAT-DAYA	1236z	25	Oct	2023	0.7m	Threat
NAD ACEH-SELATAN U	1238z	25	Oct	2023	0.6m	Threat
SUMUT NIAS B	1254z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.TANABALA	1259z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	1324z	25	Oct	2023	0.7m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1410z	25	Oct	2023	0.6m	Threat
NAD NAGAN-RAYA	1623z	25	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN U	1734z	25	Oct	2023	0.7m	Threat
NIAS	1739z	25	Oct	2023	0.8m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	1908z	25	Oct	2023	0.6m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	1917z	25	Oct	2023	0.7m	Threat
SUMBAR KOTA-PADANG S	1919z	25	Oct	2023	0.6m	Threat
NAD ACEH-JAYA	2202z	25	Oct	2023	0.5m	Threat
NIAS-NORTH	2204z	25	Oct	2023	0.5m	Threat
NAD ACEH-BARAT	2213z	25	Oct	2023	0.8m	Threat
NAD ACEH-BESAR B	2214z	25	Oct	2023	0.5m	Threat
NAD ACEH-SINGKIL	2316z	25	Oct	2023	0.6m	Threat
SOUTH OF BODAHAYIONE	2313z	25	Oct	2023	0.6m	Threat
NAD ACEH-BESAR P.BREUEH	0156z	26	Oct	2023	0.8m	Threat
GUNUNGSITOLI	0215z	26	Oct	2023	0.5m	Threat
SUMBAR PADANG-PARIAMAN S	0245z	26	Oct	2023	0.5m	Threat

KENYA

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MALINDI	2206z	25	Oct	2023	0.8m	Threat
KISIMACHANDE	0120z	26	Oct	2023	0.8m	Threat
MVULENI	0146z	26	Oct	2023	0.6m	Threat
KIPINI	0150z	26	Oct	2023	0.6m	Threat
KIWAYU	0205z	26	Oct	2023	0.5m	Threat

MADAGASCAR

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TOAMASINA AIRPORT	1124z	25	Oct	2023	2.0m	Threat
AMBAHY	1130z	25	Oct	2023	2.6m	Threat
MANANTENINA	1143z	25	Oct	2023	1.2m	Threat
TAMPOLO	1144z	25	Oct	2023	0.8m	Threat
VOHEMAR	1300z	25	Oct	2023	1.0m	Threat
FARAFAGANA	1329z	25	Oct	2023	1.1m	Threat
SAMPONA	1736z	25	Oct	2023	1.2m	Threat

MALDIVES

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KULHUDUFFUSHI	0756z	25	Oct	2023	1.1m	Threat
DHIYAMIGILI	0845z	25	Oct	2023	1.2m	Threat
KOLHUFUSHI	1004z	25	Oct	2023	0.9m	Threat
THINADHOO	1025z	25	Oct	2023	0.8m	Threat

NILANDHOO	1143z	25 Oct 2023	0.9m	Threat
MALE	1150z	25 Oct 2023	1.0m	Threat
FERIDHOO	1501z	25 Oct 2023	1.0m	Threat
GOIDHOO	1644z	25 Oct 2023	0.7m	Threat
MAURITIUS				
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LA FERME	1124z	25 Oct 2023	0.7m	Threat
GRANDE REVIERE SUD EST-EAST	1129z	25 Oct 2023	0.8m	Threat
CARGADOS CARAJOS	1225z	25 Oct 2023	0.8m	Threat
MOZAMBIQUE				
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MAGUEMBA	1629z	25 Oct 2023	0.8m	Threat
MALUANA	1937z	25 Oct 2023	0.9m	Threat
TAVARI	2221z	25 Oct 2023	0.7m	Threat
MAPUTO	2249z	25 Oct 2023	0.5m	Threat
ZAVALA	2257z	25 Oct 2023	0.6m	Threat
MOGINCUAL	2331z	25 Oct 2023	0.6m	Threat
OCONE	2344z	25 Oct 2023	0.5m	Threat
INHASSORO	2359z	25 Oct 2023	0.5m	Threat
VILA DO CHINDE	0005z	26 Oct 2023	0.6m	Threat
NOVA LUSITANIA	0019z	26 Oct 2023	0.6m	Threat
MAIONGUE	0056z	26 Oct 2023	0.5m	Threat
XAI-XAI	0226z	26 Oct 2023	0.7m	Threat
MYANMAR				
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CHEDUBA ISLAND	2216z	25 Oct 2023	0.5m	Threat
MAWYEN	0218z	26 Oct 2023	0.5m	Threat
OMAN				
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SALALAH	1443z	25 Oct 2023	0.9m	Threat
HASIK	2351z	25 Oct 2023	0.5m	Threat
MIRBAT	0021z	26 Oct 2023	0.5m	Threat
AD DUQM	0141z	26 Oct 2023	0.6m	Threat
SEYCHELLES				
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FREGATE ISLAND	1354z	25 Oct 2023	0.8m	Threat
TAKAMAKA	1658z	25 Oct 2023	0.7m	Threat
SOMALIA				
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BANDER-BEYLA	1414z	25 Oct 2023	0.8m	Threat
TOOXIN	1418z	25 Oct 2023	1.2m	Threat
XARARDHEERE	1434z	25 Oct 2023	0.8m	Threat
ABO	1737z	25 Oct 2023	0.5m	Threat
NE BEERNAASI	1745z	25 Oct 2023	0.6m	Threat
GALDOGOB	2100z	25 Oct 2023	0.6m	Threat
CEEL DHEER	2332z	25 Oct 2023	0.5m	Threat
JARIIBAN	2340z	25 Oct 2023	0.6m	Threat
MAREEG	0007z	26 Oct 2023	0.6m	Threat
EYL	0134z	26 Oct 2023	0.6m	Threat
SOUTH AFRICA				
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LAKE SIBAYI	1559z	25 Oct 2023	1.0m	Threat

WILLOWVALE	1656z	25	Oct	2023	0.7m	Threat
LUSIKISIKI	1709z	25	Oct	2023	1.1m	Threat
MARSHSTRAND	1718z	25	Oct	2023	1.1m	Threat
KAYSERS BEACH	1721z	25	Oct	2023	0.7m	Threat
MANDI	1732z	25	Oct	2023	0.8m	Threat
FUNK SEAMOUNT	1747z	25	Oct	2023	0.7m	Threat
BIZANA	1802z	25	Oct	2023	0.8m	Threat
PORT ELIZABETH	1813z	25	Oct	2023	1.0m	Threat
ALEXANDRIA	1906z	25	Oct	2023	0.8m	Threat
KOSIMEER	1921z	25	Oct	2023	0.9m	Threat
KENTANI	1925z	25	Oct	2023	0.9m	Threat
MARGATE	1930z	25	Oct	2023	0.5m	Threat
MOSSEL	2029z	25	Oct	2023	1.4m	Threat
PORT DURNFORD	2129z	25	Oct	2023	0.6m	Threat
WITAAND	2218z	25	Oct	2023	0.6m	Threat
BREDASDORP	2229z	25	Oct	2023	0.9m	Threat
PEDDIE	2321z	25	Oct	2023	0.8m	Threat
BATHURST	2343z	25	Oct	2023	0.5m	Threat
ZIKHOVA	0028z	26	Oct	2023	0.5m	Threat
GEORGE	0046z	26	Oct	2023	0.5m	Threat
ABORETUM	0130z	26	Oct	2023	0.6m	Threat
ELLIOTDALE	0138z	26	Oct	2023	0.5m	Threat
HEIDELBERG	0209z	26	Oct	2023	0.7m	Threat

SRI LANKA

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KATTANKUDI	0916z	25	Oct	2023	1.0m	Threat
HAMBANTOTA	0930z	25	Oct	2023	0.9m	Threat
AKKARAI PATTU	0939z	25	Oct	2023	1.3m	Threat
BATTICALOA	0940z	25	Oct	2023	1.1m	Threat
PANKULAM	1014z	25	Oct	2023	0.6m	Threat
MULLAITTIVU	1118z	25	Oct	2023	0.6m	Threat
KIRINDA	1241z	25	Oct	2023	0.8m	Threat
OKANDA	1404z	25	Oct	2023	1.0m	Threat
MORATUWA	1437z	25	Oct	2023	0.6m	Threat
MUSALI	1453z	25	Oct	2023	0.8m	Threat
COLOMBO	1500z	25	Oct	2023	0.8m	Threat
MANNAR ISLAND	1518z	25	Oct	2023	0.7m	Threat
POTTUVIL	1525z	25	Oct	2023	0.8m	Threat
MATARA	1534z	25	Oct	2023	0.6m	Threat
MUNDAL LAKE	1726z	25	Oct	2023	0.7m	Threat
GALLE	1745z	25	Oct	2023	0.7m	Threat
CHAVAKACHCHERI	1805z	25	Oct	2023	0.5m	Threat
TANGALLE	1835z	25	Oct	2023	0.5m	Threat
NEGOMBO	2017z	25	Oct	2023	0.6m	Threat
CHUNDIKKULAM	2047z	25	Oct	2023	0.7m	Threat
BERUWALA	2238z	25	Oct	2023	0.5m	Threat
POINT PEDRO	2304z	25	Oct	2023	0.7m	Threat
AMBALANGODA	2334z	25	Oct	2023	0.6m	Threat
ANAITIVU	0014z	26	Oct	2023	0.5m	Threat

TANZANIA

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WEST TO KONDE	1628z	25	Oct	2023	0.8m	Threat
BAGAMOYO	0133z	26	Oct	2023	0.7m	Threat
BOMALANDNI	0142z	26	Oct	2023	0.6m	Threat
VUMBA	0211z	26	Oct	2023	0.6m	Threat

THAILAND

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THAI MUEANG_TAKUA PA                0032z  26 Oct 2023 0.5m  Threat  
  
TIMOR-LESTE  
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PANTE MACASSAR                       0336z  25 Oct 2023 0.9m  Threat  
BOBONARO                              0449z  25 Oct 2023 1.0m  Threat  
LIQUICA                               0739z  25 Oct 2023 0.6m  Threat  
COVALIMA                              1534z  25 Oct 2023 0.6m  Threat  
  
UNITED KINGDOM  
-----  
MORESBY ISLAND                       1026z  25 Oct 2023 0.6m  Threat  
DIEGO GARCIA                         1213z  25 Oct 2023 0.5m  Threat  
  
YEMEN  
-----  
SOCOTRA ISLAND SOUTH                 1354z  25 Oct 2023 0.8m  Threat  
SOCOTRA ISLAND NORTH                 1443z  25 Oct 2023 0.8m  Threat  
AL GHAYDAH AIRPORT                   1623z  25 Oct 2023 0.9m  Threat  
HUSWAYN                              1742z  25 Oct 2023 0.9m  Threat  
DAMQAWT                              1827z  25 Oct 2023 0.8m  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](mailto:tsunami@incois.gov.in)  
Web: [www.incois.gov.in](http://www.incois.gov.in)

END OF BULLETIN

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

# 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 0900 UTC WEDNESDAY 25 OCTOBER 2023  
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... 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: 9.1 Mwp (UPDATED)  
Depth: 10 km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
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Benoa (INDONESIA)	8.75S	115.22E	0226z	25 Oct 2023	11.7m
Christmas Island (AUSTRALIA)	10.4S	105.67E	0229z	25 Oct 2023	1.1m
DART 56001 (AUSTRALIA)	13.9S	110.00E	0236z	25 Oct 2023	2.2m
Prigi (INDONESIA)	8.28S	111.73E	0236z	25 Oct 2023	9.0m
Waikelo (INDONESIA)	9.39S	119.22E	0247z	25 Oct 2023	5.2m
Eggano (INDONESIA)	5.35S	102.28E	0335z	25 Oct 2023	2.4m
Cocos Island (AUSTRALIA)	12.1S	96.89E	0346z	25 Oct 2023	0.6m
Seblat (INDONESIA)	3.22S	101.60E	0427z	25 Oct 2023	1.6m
Telukdalam (INDONESIA)	0.55N	97.82E	0442z	25 Oct 2023	1.0m
Point Murat (AUSTRALIA)	21.8S	114.19E	0446z	25 Oct 2023	6.8m
Padang (INDONESIA)	1.00S	100.37E	0509z	25 Oct 2023	0.4m
Broome (AUSTRALIA)	18.0S	122.22E	0542z	25 Oct 2023	1.0m
Meulaboh (INDONESIA)	4.13N	96.13E	0603z	25 Oct 2023	0.4m
Sabang (INDONESIA)	5.83N	95.33E	0617z	25 Oct 2023	0.1m
Nancowry (INDIA)	8.05N	93.55E	0637z	25 Oct 2023	0.2m
Portblair (INDIA)	11.6N	92.77E	0710z	25 Oct 2023	0.1m
Gan (MALDIVE ISLANDS)	0.69S	73.15E	0720z	25 Oct 2023	0.8m
Colombo (SRILANKA)	6.95N	79.85E	0731z	25 Oct 2023	0.8m
Hanimaadhoo (MALDIVE ISLANDS)	6.77N	73.17E	0804z	25 Oct 2023	0.7m
Chennai (INDIA)	13.1N	80.30E	0808z	25 Oct 2023	0.5m
Visakhapatnam (INDIA)	17.6N	83.28E	0836z	25 Oct 2023	0.5m

## 3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone (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

CHRISTMAS ISLAND	0229z	25 Oct 2023	0.9m	Threat
NINGALOO COAST	0415z	25 Oct 2023	8.4m	Threat
PILBARA COAST WEST	0421z	25 Oct 2023	4.5m	Threat
WEST KIMBERLY COAST	0439z	25 Oct 2023	2.4m	Threat
PILBARA COAST EAST	0444z	25 Oct 2023	4.0m	Threat
GASCOYNE COAST	0504z	25 Oct 2023	3.2m	Threat
NORTH KIMBERLY COAST	0515z	25 Oct 2023	1.8m	Threat
GERALDTON COAST	0522z	25 Oct 2023	2.4m	Threat
LANCELIN COAST	0554z	25 Oct 2023	1.2m	Threat
PERTH COAST	0559z	25 Oct 2023	1.5m	Threat
BUNBURY GEOGRAPHE COAST	0621z	25 Oct 2023	1.6m	Threat
LEEUEWIN COAST	0624z	25 Oct 2023	1.2m	Threat
ASHMORE REEF	0940z	25 Oct 2023	0.8m	Threat
BEAGLE BONAPARTE COAST	0958z	25 Oct 2023	1.0m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1145z	25 Oct 2023	2.1m	Threat
AURORA BANK	1235z	25 Oct 2023	0.9m	Threat
ALBANY COAST	1456z	25 Oct 2023	0.8m	Threat
NORTH TIWI COAST	1916z	25 Oct 2023	0.8m	Threat
ESPERENCE COAST	2229z	25 Oct 2023	0.6m	Threat
EUCLA COAST	0112z	26 Oct 2023	0.5m	Threat
ARAFURA COAST	0211z	26 Oct 2023	0.7m	Threat
SOUTH CENTRAL COAST SA	0240z	26 Oct 2023	0.6m	Threat

FRANCE

LLE SAINT-PAUL-SOUTH	0929z	25 Oct 2023	0.7m	Threat
SAINT - JOSEPH	1112z	25 Oct 2023	0.6m	Threat
ILE KERGUELEN	1120z	25 Oct 2023	2.2m	Threat
CROZET PLATEAU	1237z	25 Oct 2023	0.8m	Threat
ILE DE LA POSSESSION	1315z	25 Oct 2023	1.1m	Threat
NES CROZET	1549z	25 Oct 2023	0.5m	Threat
LLE SAINT-PAUL-NORTH	1707z	25 Oct 2023	0.5m	Threat

INDIA

MAHABALIPURAM	1003z	25 Oct 2023	0.9m	Threat
MACHILIPATNAM	1042z	25 Oct 2023	0.8m	Threat
KOTTAPATNAM	1054z	25 Oct 2023	1.2m	Threat
ENNORE	1059z	25 Oct 2023	1.4m	Threat
NIJAMPATTANAM	1101z	25 Oct 2023	1.2m	Threat
KAKINADA	1104z	25 Oct 2023	0.7m	Threat
VISAKHAPATNAM	1105z	25 Oct 2023	0.8m	Threat
KANYAKUMARI	1107z	25 Oct 2023	1.0m	Threat
TUTICORIN	1115z	25 Oct 2023	1.0m	Threat
RAMESWARAM	1120z	25 Oct 2023	1.1m	Threat
KOODANKULAM	1120z	25 Oct 2023	0.9m	Threat
ALLEPPEY ALAPPUZHA	1150z	25 Oct 2023	0.7m	Threat
SRIHARIKOTA	1426z	25 Oct 2023	1.0m	Threat

AGATTI	1447z	25	Oct	2023	0.6m	Threat
COCHIN	1458z	25	Oct	2023	0.6m	Threat
KARAIKAL	1505z	25	Oct	2023	0.7m	Threat
CHENNAI	1513z	25	Oct	2023	1.1m	Threat
JAMBOO	1546z	25	Oct	2023	0.8m	Threat
PUDUCHERRY	1555z	25	Oct	2023	0.6m	Threat
KANNUR	1613z	25	Oct	2023	0.6m	Threat
BEYPORE	1623z	25	Oct	2023	0.6m	Threat
VAKKAD	1644z	25	Oct	2023	0.5m	Threat
QUILON	1647z	25	Oct	2023	0.5m	Threat
KOMATRA & KATCHAL ISLAND	1720z	25	Oct	2023	0.8m	Threat
INDIRA POINT	1726z	25	Oct	2023	0.6m	Threat
CAR NICOBAR	1735z	25	Oct	2023	0.6m	Threat
POOMBUHAR	1753z	25	Oct	2023	0.6m	Threat
KOTTAIPPATTANAM	1757z	25	Oct	2023	0.8m	Threat
PERUPALEM	1831z	25	Oct	2023	0.7m	Threat
DHAMRA	1848z	25	Oct	2023	0.7m	Threat
DIGHA	1904z	25	Oct	2023	0.5m	Threat
NAGAPATTINAM	1933z	25	Oct	2023	0.7m	Threat
MAHE	1934z	25	Oct	2023	0.5m	Threat
NORTH SENTINEL ISLAND	1937z	25	Oct	2023	0.9m	Threat
LITTLE ANDAMAN	1937z	25	Oct	2023	0.7m	Threat
KALINGAPATNAM	1946z	25	Oct	2023	0.8m	Threat
CUDDALORE	2004z	25	Oct	2023	0.6m	Threat
MARAKKANAM	2006z	25	Oct	2023	0.7m	Threat
PURI	2048z	25	Oct	2023	0.8m	Threat
PORT BLAIR	2107z	25	Oct	2023	0.9m	Threat
VADANAPPALLY	2250z	25	Oct	2023	0.6m	Threat
MUTHUPET	2331z	25	Oct	2023	0.6m	Threat
MALLIPATTINAM	2342z	25	Oct	2023	0.6m	Threat
KONADA	2352z	25	Oct	2023	0.8m	Threat
WEST & LANDFALL ISLAND	0057z	26	Oct	2023	0.5m	Threat
GOPALPUR	0235z	26	Oct	2023	0.8m	Threat

INDONESIA

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BALI BADUNG PANTAI-KUTA	0202z	25	Oct	2023	4.4m	Threat
BALI DENPASAR PANTAI-SANUR	0202z	25	Oct	2023	5.0m	Threat
JATENG PURWOREJO	0202z	25	Oct	2023	8.8m	Threat
JATIM TULUNGAGUNG	0202z	25	Oct	2023	7.6m	Threat
JATIM BANYUWANGI S	0203z	25	Oct	2023	4.9m	Threat
NTB KOTA-BIMA S	0203z	25	Oct	2023	3.3m	Threat
NTB SUMBAWA S	0203z	25	Oct	2023	3.5m	Threat
JATIM MALANG	0203z	25	Oct	2023	8.0m	Threat
JATIM JEMBER P.NUSABARUNG	0203z	25	Oct	2023	6.9m	Threat
NTB DOMPU S	0204z	25	Oct	2023	1.5m	Threat
NTB SUMBAWA B	0204z	25	Oct	2023	4.2m	Threat
JABAR CIAMIS	0204z	25	Oct	2023	5.8m	Threat
JATENG WONOGIRI	0204z	25	Oct	2023	9.2m	Threat
JATIM PACITAN	0204z	25	Oct	2023	8.9m	Threat
JATIM BLITAR	0204z	25	Oct	2023	8.8m	Threat
JATIM LUMAJANG	0204z	25	Oct	2023	5.8m	Threat
NTB LOMBOK-TENGAH	0204z	25	Oct	2023	3.0m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	0205z	25	Oct	2023	3.2m	Threat
NTB LOMBOK-TIMUR S	0205z	25	Oct	2023	2.7m	Threat
JATENG CILACAP	0205z	25	Oct	2023	6.7m	Threat
DIY KULON-PROGO	0205z	25	Oct	2023	9.3m	Threat
JATIM JEMBER	0206z	25	Oct	2023	9.0m	Threat
JATENG KEBUMEN	0206z	25	Oct	2023	6.7m	Threat



DIY BANTUL	0206z	25	Oct	2023	7.3m	Threat
DIY GUNUNG-KIDUL	0206z	25	Oct	2023	11.9m	Threat
JATIM TRENGGALEK	0206z	25	Oct	2023	8.3m	Threat
NTB LOMBOK-BARAT S	0206z	25	Oct	2023	2.9m	Threat
NTT SUMBA B	0207z	25	Oct	2023	2.8m	Threat
BALI TABANAN	0207z	25	Oct	2023	3.6m	Threat
JABAR TASIKMALAYA	0215z	25	Oct	2023	3.8m	Threat
JABAR GARUT	0220z	25	Oct	2023	3.2m	Threat
NTT MANGGARAI-BARAT P.	0220z	25	Oct	2023	2.9m	Threat
NTT SUMBA T	0221z	25	Oct	2023	3.5m	Threat
JABAR CIANJUR SINDANGBARANG	0222z	25	Oct	2023	2.7m	Threat
JABAR SUKABUMI UJUNG-GENTENG	0229z	25	Oct	2023	2.6m	Threat
NTT MANGGARAI-BARAT S	0230z	25	Oct	2023	2.4m	Threat
NTT MANGGARAI S	0239z	25	Oct	2023	1.9m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0240z	25	Oct	2023	3.3m	Threat
BANTEN LEBAK	0243z	25	Oct	2023	2.3m	Threat
BANTEN PANDEGLANG S	0244z	25	Oct	2023	2.3m	Threat
NTT KUPANG	0244z	25	Oct	2023	1.8m	Threat
BANTEN PANDEGLANG P.PANAITAN	0252z	25	Oct	2023	1.6m	Threat
LAMPUNG TANGGAMUS B	0301z	25	Oct	2023	2.4m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0309z	25	Oct	2023	2.5m	Threat
LAMPUNG TANGGAMUS P.TABUAN	0310z	25	Oct	2023	1.6m	Threat
LAMPUNG TANGGAMUS T	0310z	25	Oct	2023	2.2m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0311z	25	Oct	2023	2.3m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	0313z	25	Oct	2023	2.6m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0313z	25	Oct	2023	1.9m	Threat
BANTEN PANDEGLANG U	0315z	25	Oct	2023	1.7m	Threat
LAMPUNG LAMPUNG-SELATAN B	0318z	25	Oct	2023	1.3m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0318z	25	Oct	2023	2.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0321z	25	Oct	2023	2.7m	Threat
NTT ROTENDAO	0322z	25	Oct	2023	1.7m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0326z	25	Oct	2023	1.5m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0327z	25	Oct	2023	2.3m	Threat
NTB BIMA P.GILI	0328z	25	Oct	2023	1.4m	Threat
BENGKULU KAUR	0329z	25	Oct	2023	1.9m	Threat
PANTE MACASSAR	0334z	25	Oct	2023	1.3m	Threat
BENGKULU BENGKULU-SELATAN	0334z	25	Oct	2023	1.2m	Threat
NTT KOTA-KUPANG	0335z	25	Oct	2023	1.7m	Threat
NTT LEMBATA S	0338z	25	Oct	2023	1.2m	Threat
NTT ALOR S	0340z	25	Oct	2023	1.3m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	0342z	25	Oct	2023	1.6m	Threat
BANTEN SERANG B	0345z	25	Oct	2023	1.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0346z	25	Oct	2023	2.2m	Threat
NTT BELU U	0346z	25	Oct	2023	0.9m	Threat
NTT NGADA S	0347z	25	Oct	2023	1.2m	Threat
BENGKULU SELUMA	0352z	25	Oct	2023	2.1m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0354z	25	Oct	2023	3.2m	Threat
NTT ENDE S	0359z	25	Oct	2023	1.3m	Threat
BANTEN KOTA-CILEGON	0359z	25	Oct	2023	2.2m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0402z	25	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	0408z	25	Oct	2023	1.9m	Threat
NTT SIKKA S	0408z	25	Oct	2023	1.0m	Threat
BENGKULU BENGKULU-UTARA U	0411z	25	Oct	2023	1.0m	Threat
NTT FLORES-TIMUR S	0413z	25	Oct	2023	1.6m	Threat
NTT FLORES-TIMUR P.SOLOR	0450z	25	Oct	2023	1.1m	Threat
MUARASIBERUT	0457z	25	Oct	2023	1.5m	Threat
SUMBAR PESISIR-SELATAN S	0505z	25	Oct	2023	0.8m	Threat
SUMBAR KOTA-PADANG U	0524z	25	Oct	2023	0.6m	Threat
SUMBAR PADANG-PARIAMAN U	0525z	25	Oct	2023	0.6m	Threat

SUMBAR AGAM	0543z	25	Oct	2023	0.8m	Threat
SUMBAR KOTA-PARIAMAN	0548z	25	Oct	2023	0.7m	Threat
NIAS-EAST	0552z	25	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	0553z	25	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0607z	25	Oct	2023	1.6m	Threat
BENGKULU MUKOMUKO	0627z	25	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL S	0837z	25	Oct	2023	0.8m	Threat
NTT TIMOR-TENGAH-SELATAN	0910z	25	Oct	2023	0.8m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0912z	25	Oct	2023	1.4m	Threat
NAD ACEH-SELATAN S	0915z	25	Oct	2023	0.7m	Threat
SUMUT MANDAILING-NATAL U	0936z	25	Oct	2023	0.7m	Threat
SUMUT TAPANULI-SELATAN	1051z	25	Oct	2023	0.9m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1056z	25	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	1101z	25	Oct	2023	1.0m	Threat
SUMUT TAPANULI-TENGAH U	1157z	25	Oct	2023	1.0m	Threat
NAD SIMEULUE P.SIMEULUE	1227z	25	Oct	2023	0.8m	Threat
NAD ACEH-BARAT-DAYA	1236z	25	Oct	2023	0.7m	Threat
NAD ACEH-SELATAN U	1238z	25	Oct	2023	0.6m	Threat
SUMUT NIAS B	1254z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.TANABALA	1259z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	1324z	25	Oct	2023	0.7m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1410z	25	Oct	2023	0.6m	Threat
NAD NAGAN-RAYA	1623z	25	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN U	1734z	25	Oct	2023	0.7m	Threat
NIAS	1739z	25	Oct	2023	0.8m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	1908z	25	Oct	2023	0.6m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	1917z	25	Oct	2023	0.7m	Threat
SUMBAR KOTA-PADANG S	1919z	25	Oct	2023	0.6m	Threat
NAD ACEH-JAYA	2202z	25	Oct	2023	0.5m	Threat
NIAS-NORTH	2204z	25	Oct	2023	0.5m	Threat
NAD ACEH-BARAT	2213z	25	Oct	2023	0.8m	Threat
NAD ACEH-BESAR B	2214z	25	Oct	2023	0.5m	Threat
NAD ACEH-SINGKIL	2316z	25	Oct	2023	0.6m	Threat
SOUTH OF BODAHAYIONE	2313z	25	Oct	2023	0.6m	Threat
NAD ACEH-BESAR P.BREUEH	0156z	26	Oct	2023	0.8m	Threat
GUNUNGSITOLI	0215z	26	Oct	2023	0.5m	Threat
SUMBAR PADANG-PARIAMAN S	0245z	26	Oct	2023	0.5m	Threat

KENYA

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MALINDI	2206z	25	Oct	2023	0.8m	Threat
KISIMACHANDE	0120z	26	Oct	2023	0.8m	Threat
MVULENI	0146z	26	Oct	2023	0.6m	Threat
KIPINI	0150z	26	Oct	2023	0.6m	Threat
KIWAYU	0205z	26	Oct	2023	0.5m	Threat

MADAGASCAR

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TOAMASINA AIRPORT	1124z	25	Oct	2023	2.0m	Threat
AMBAHY	1130z	25	Oct	2023	2.6m	Threat
MANANTENINA	1143z	25	Oct	2023	1.2m	Threat
TAMPOLO	1144z	25	Oct	2023	0.8m	Threat
VOHEMAR	1300z	25	Oct	2023	1.0m	Threat
FARAFAGANA	1329z	25	Oct	2023	1.1m	Threat
SAMPONA	1736z	25	Oct	2023	1.2m	Threat

MALDIVES

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KULHUDUFFUSHI	0756z	25	Oct	2023	1.1m	Threat
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DHIYAMIGILI	0845z	25 Oct 2023	1.2m	Threat
KOLHUFUSHI	1004z	25 Oct 2023	0.9m	Threat
THINADHOO	1025z	25 Oct 2023	0.8m	Threat
NILANDHOO	1143z	25 Oct 2023	0.9m	Threat
MALE	1150z	25 Oct 2023	1.0m	Threat
FERIDHOO	1501z	25 Oct 2023	1.0m	Threat
GOIDHOO	1644z	25 Oct 2023	0.7m	Threat

MAURITIUS

LA FERME	1124z	25 Oct 2023	0.7m	Threat
GRANDE REVIERE SUD EST-EAST	1129z	25 Oct 2023	0.8m	Threat
CARGADOS CARAJOS	1225z	25 Oct 2023	0.8m	Threat

MOZAMBIQUE

MAGUEMBA	1629z	25 Oct 2023	0.8m	Threat
MALUANA	1937z	25 Oct 2023	0.9m	Threat
TAVARI	2221z	25 Oct 2023	0.7m	Threat
MAPUTO	2249z	25 Oct 2023	0.5m	Threat
ZAVALA	2257z	25 Oct 2023	0.6m	Threat
MOGINCUAL	2331z	25 Oct 2023	0.6m	Threat
OCONE	2344z	25 Oct 2023	0.5m	Threat
INHASSORO	2359z	25 Oct 2023	0.5m	Threat
VILA DO CHINDE	0005z	26 Oct 2023	0.6m	Threat
NOVA LUSITANIA	0019z	26 Oct 2023	0.6m	Threat
MAIONGUE	0056z	26 Oct 2023	0.5m	Threat
XAI-XAI	0226z	26 Oct 2023	0.7m	Threat

MYANMAR

CHEDUBA ISLAND	2216z	25 Oct 2023	0.5m	Threat
MAWYEN	0218z	26 Oct 2023	0.5m	Threat

OMAN

SALALAH	1443z	25 Oct 2023	0.9m	Threat
HASIK	2351z	25 Oct 2023	0.5m	Threat
MIRBAT	0021z	26 Oct 2023	0.5m	Threat
AD DUQM	0141z	26 Oct 2023	0.6m	Threat

SEYCHELLES

FREGATE ISLAND	1354z	25 Oct 2023	0.8m	Threat
TAKAMAKA	1658z	25 Oct 2023	0.7m	Threat

SOMALIA

BANDER-BEYLA	1414z	25 Oct 2023	0.8m	Threat
TOOXIN	1418z	25 Oct 2023	1.2m	Threat
XARARDHEERE	1434z	25 Oct 2023	0.8m	Threat
ABO	1737z	25 Oct 2023	0.5m	Threat
NE BEERNAASI	1745z	25 Oct 2023	0.6m	Threat
GALDOGOB	2100z	25 Oct 2023	0.6m	Threat
CEEL DHEER	2332z	25 Oct 2023	0.5m	Threat
JARIIBAN	2340z	25 Oct 2023	0.6m	Threat
MAREEG	0007z	26 Oct 2023	0.6m	Threat
EYL	0134z	26 Oct 2023	0.6m	Threat

SOUTH AFRICA

LAKE SIBAYI	1559z	25	Oct	2023	1.0m	Threat
WILLOWVALE	1656z	25	Oct	2023	0.7m	Threat
LUSIKISIKI	1709z	25	Oct	2023	1.1m	Threat
MARSHSTRAND	1718z	25	Oct	2023	1.1m	Threat
KAYSERS BEACH	1721z	25	Oct	2023	0.7m	Threat
MANDI	1732z	25	Oct	2023	0.8m	Threat
FUNK SEAMOUNT	1747z	25	Oct	2023	0.7m	Threat
BIZANA	1802z	25	Oct	2023	0.8m	Threat
PORT ELIZABETH	1813z	25	Oct	2023	1.0m	Threat
ALEXANDRIA	1906z	25	Oct	2023	0.8m	Threat
KOSIMEER	1921z	25	Oct	2023	0.9m	Threat
KENTANI	1925z	25	Oct	2023	0.9m	Threat
MARGATE	1930z	25	Oct	2023	0.5m	Threat
MOSSEL	2029z	25	Oct	2023	1.4m	Threat
PORT DURNFORD	2129z	25	Oct	2023	0.6m	Threat
WITAAND	2218z	25	Oct	2023	0.6m	Threat
BREDASDORP	2229z	25	Oct	2023	0.9m	Threat
PEDDIE	2321z	25	Oct	2023	0.8m	Threat
BATHURST	2343z	25	Oct	2023	0.5m	Threat
ZIKHOVA	0028z	26	Oct	2023	0.5m	Threat
GEORGE	0046z	26	Oct	2023	0.5m	Threat
ABORETUM	0130z	26	Oct	2023	0.6m	Threat
ELLIOTDALE	0138z	26	Oct	2023	0.5m	Threat
HEIDELBERG	0209z	26	Oct	2023	0.7m	Threat

SRI LANKA

KATTANKUDI	0916z	25	Oct	2023	1.0m	Threat
HAMBANTOTA	0930z	25	Oct	2023	0.9m	Threat
AKKARAI PATTU	0939z	25	Oct	2023	1.3m	Threat
BATTICALOA	0940z	25	Oct	2023	1.1m	Threat
PANKULAM	1014z	25	Oct	2023	0.6m	Threat
MULLAITTIVU	1118z	25	Oct	2023	0.6m	Threat
KIRINDA	1241z	25	Oct	2023	0.8m	Threat
OKANDA	1404z	25	Oct	2023	1.0m	Threat
MORATUWA	1437z	25	Oct	2023	0.6m	Threat
MUSALI	1453z	25	Oct	2023	0.8m	Threat
COLOMBO	1500z	25	Oct	2023	0.8m	Threat
MANNAR ISLAND	1518z	25	Oct	2023	0.7m	Threat
POTTUVIL	1525z	25	Oct	2023	0.8m	Threat
MATARA	1534z	25	Oct	2023	0.6m	Threat
MUNDAL LAKE	1726z	25	Oct	2023	0.7m	Threat
GALLE	1745z	25	Oct	2023	0.7m	Threat
CHAVAKACHCHERI	1805z	25	Oct	2023	0.5m	Threat
TANGALLE	1835z	25	Oct	2023	0.5m	Threat
NEGOMBO	2017z	25	Oct	2023	0.6m	Threat
CHUNDIKKULAM	2047z	25	Oct	2023	0.7m	Threat
BERUWALA	2238z	25	Oct	2023	0.5m	Threat
POINT PEDRO	2304z	25	Oct	2023	0.7m	Threat
AMBALANGODA	2334z	25	Oct	2023	0.6m	Threat
ANAITIVU	0014z	26	Oct	2023	0.5m	Threat

TANZANIA

WEST TO KONDE	1628z	25	Oct	2023	0.8m	Threat
BAGAMOYO	0133z	26	Oct	2023	0.7m	Threat
BOMALANDNI	0142z	26	Oct	2023	0.6m	Threat

VUMBA	0211z	26 Oct 2023	0.6m	Threat
THAILAND				
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THAI MUEANG_TAKUA PA	0032z	26 Oct 2023	0.5m	Threat
TIMOR-LESTE				
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PANTE MACASSAR	0336z	25 Oct 2023	0.9m	Threat
BOBONARO	0449z	25 Oct 2023	1.0m	Threat
LIQUICA	0739z	25 Oct 2023	0.6m	Threat
COVALIMA	1534z	25 Oct 2023	0.6m	Threat
UNITED KINGDOM				
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MORESBY ISLAND	1026z	25 Oct 2023	0.6m	Threat
DIEGO GARCIA	1213z	25 Oct 2023	0.5m	Threat
YEMEN				
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SOCOTRA ISLAND SOUTH	1354z	25 Oct 2023	0.8m	Threat
SOCOTRA ISLAND NORTH	1443z	25 Oct 2023	0.8m	Threat
AL GHAYDAH AIRPORT	1623z	25 Oct 2023	0.9m	Threat
HUSWAYN	1742z	25 Oct 2023	0.9m	Threat
DAMQAWT	1827z	25 Oct 2023	0.8m	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](mailto:tsunami@incois.gov.in)  
Web: [www.incois.gov.in](http://www.incois.gov.in)  
END OF BULLETIN

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

# BULLETIN 11

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# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
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TSUNAMI BULLETIN NUMBER 11 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)  
ISSUED AT 1000 UTC WEDNESDAY 25 OCTOBER 2023  
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... 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: 9.1 Mwp (UPDATED)  
Depth: 10 km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
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Benoa (INDONESIA)	8.75S	115.22E	0226z	25 Oct 2023	11.7m
Christmas Island (AUSTRALIA)	10.4S	105.67E	0229z	25 Oct 2023	1.1m
DART 56001 (AUSTRALIA)	13.9S	110.00E	0236z	25 Oct 2023	2.2m
Prigi (INDONESIA)	8.28S	111.73E	0236z	25 Oct 2023	9.0m
Waikelo (INDONESIA)	9.39S	119.22E	0247z	25 Oct 2023	5.2m
Eggano (INDONESIA)	5.35S	102.28E	0335z	25 Oct 2023	2.4m
Cocos Island (AUSTRALIA)	12.1S	96.89E	0346z	25 Oct 2023	0.6m
Seblat (INDONESIA)	3.22S	101.60E	0427z	25 Oct 2023	1.6m
Telukdalam (INDONESIA)	0.55N	97.82E	0442z	25 Oct 2023	1.0m
Point Murat (AUSTRALIA)	21.8S	114.19E	0446z	25 Oct 2023	6.8m
Padang (INDONESIA)	1.00S	100.37E	0509z	25 Oct 2023	0.4m
Broome (AUSTRALIA)	18.0S	122.22E	0542z	25 Oct 2023	1.0m
Meulaboh (INDONESIA)	4.13N	96.13E	0603z	25 Oct 2023	0.4m
Sabang (INDONESIA)	5.83N	95.33E	0617z	25 Oct 2023	0.1m
Nancowry (INDIA)	8.05N	93.55E	0637z	25 Oct 2023	0.2m
Portblair (INDIA)	11.6N	92.77E	0710z	25 Oct 2023	0.1m
Gan (MALDIVE ISLANDS)	0.69S	73.15E	0720z	25 Oct 2023	0.8m
Colombo (SRILANKA)	6.95N	79.85E	0731z	25 Oct 2023	0.8m
Hanimaadhoo (MALDIVE ISLANDS)	6.77N	73.17E	0804z	25 Oct 2023	0.7m
Chennai (INDIA)	13.1N	80.30E	0808z	25 Oct 2023	0.5m
Visakhapatnam (INDIA)	17.6N	83.28E	0836z	25 Oct 2023	0.5m
Cochin (INDIA)	9.97N	76.27E	0919z	25 Oct 2023	0.2m
Sittwe (MYANMAR)	20.1N	92.90E	0921z	25 Oct 2023	0.1m
Pt.Louis (MAURITIUS)	20.1S	57.50E	0949z	25 Oct 2023	1.0m





ALLEPPEY ALAPPUZHA	1150z	25	Oct	2023	0.7m	Threat
SRIHARIKOTA	1426z	25	Oct	2023	1.0m	Threat
AGATTI	1447z	25	Oct	2023	0.6m	Threat
COCHIN	1458z	25	Oct	2023	0.6m	Threat
KARAIKAL	1505z	25	Oct	2023	0.7m	Threat
CHENNAI	1513z	25	Oct	2023	1.1m	Threat
JAMBOO	1546z	25	Oct	2023	0.8m	Threat
PUDUCHERRY	1555z	25	Oct	2023	0.6m	Threat
KANNUR	1613z	25	Oct	2023	0.6m	Threat
BEYPORE	1623z	25	Oct	2023	0.6m	Threat
VAKKAD	1644z	25	Oct	2023	0.5m	Threat
QUILON	1647z	25	Oct	2023	0.5m	Threat
KOMATRA & KATCHAL ISLAND	1720z	25	Oct	2023	0.8m	Threat
INDIRA POINT	1726z	25	Oct	2023	0.6m	Threat
CAR NICOBAR	1735z	25	Oct	2023	0.6m	Threat
POOMBUHAR	1753z	25	Oct	2023	0.6m	Threat
KOTTAIPPATTANAM	1757z	25	Oct	2023	0.8m	Threat
PERUPALEM	1831z	25	Oct	2023	0.7m	Threat
DHAMRA	1848z	25	Oct	2023	0.7m	Threat
DIGHA	1904z	25	Oct	2023	0.5m	Threat
NAGAPATTINAM	1933z	25	Oct	2023	0.7m	Threat
MAHE	1934z	25	Oct	2023	0.5m	Threat
NORTH SENTINEL ISLAND	1937z	25	Oct	2023	0.9m	Threat
LITTLE ANDAMAN	1937z	25	Oct	2023	0.7m	Threat
KALINGAPATNAM	1946z	25	Oct	2023	0.8m	Threat
CUDDALORE	2004z	25	Oct	2023	0.6m	Threat
MARAKKANAM	2006z	25	Oct	2023	0.7m	Threat
PURI	2048z	25	Oct	2023	0.8m	Threat
PORT BLAIR	2107z	25	Oct	2023	0.9m	Threat
VADANAPPALLY	2250z	25	Oct	2023	0.6m	Threat
MUTHUPET	2331z	25	Oct	2023	0.6m	Threat
MALLIPATTINAM	2342z	25	Oct	2023	0.6m	Threat
KONADA	2352z	25	Oct	2023	0.8m	Threat
WEST & LANDFALL ISLAND	0057z	26	Oct	2023	0.5m	Threat
GOPALPUR	0235z	26	Oct	2023	0.8m	Threat

INDONESIA

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BALI BADUNG PANTAI-KUTA	0202z	25	Oct	2023	4.4m	Threat
BALI DENPASAR PANTAI-SANUR	0202z	25	Oct	2023	5.0m	Threat
JATENG PURWOREJO	0202z	25	Oct	2023	8.8m	Threat
JATIM TULUNGAGUNG	0202z	25	Oct	2023	7.6m	Threat
JATIM BANYUWANGI S	0203z	25	Oct	2023	4.9m	Threat
NTB KOTA-BIMA S	0203z	25	Oct	2023	3.3m	Threat
NTB SUMBAWA S	0203z	25	Oct	2023	3.5m	Threat
JATIM MALANG	0203z	25	Oct	2023	8.0m	Threat
JATIM JEMBER P.NUSABARUNG	0203z	25	Oct	2023	6.9m	Threat
NTB DOMPU S	0204z	25	Oct	2023	1.5m	Threat
NTB SUMBAWA B	0204z	25	Oct	2023	4.2m	Threat
JABAR CIAMIS	0204z	25	Oct	2023	5.8m	Threat
JATENG WONOGIRI	0204z	25	Oct	2023	9.2m	Threat
JATIM PACITAN	0204z	25	Oct	2023	8.9m	Threat
JATIM BLITAR	0204z	25	Oct	2023	8.8m	Threat
JATIM LUMAJANG	0204z	25	Oct	2023	5.8m	Threat
NTB LOMBOK-TENGAH	0204z	25	Oct	2023	3.0m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	0205z	25	Oct	2023	3.2m	Threat
NTB LOMBOK-TIMUR S	0205z	25	Oct	2023	2.7m	Threat
JATENG CILACAP	0205z	25	Oct	2023	6.7m	Threat
DIY KULON-PROGO	0205z	25	Oct	2023	9.3m	Threat

JATIM JEMBER	0206z	25 Oct 2023	9.0m	Threat
JATENG KEBUMEN	0206z	25 Oct 2023	6.7m	Threat
DIY BANTUL	0206z	25 Oct 2023	7.3m	Threat
DIY GUNUNG-KIDUL	0206z	25 Oct 2023	11.9m	Threat
JATIM TRENGGALEK	0206z	25 Oct 2023	8.3m	Threat
NTB LOMBOK-BARAT S	0206z	25 Oct 2023	2.9m	Threat
NTT SUMBA B	0207z	25 Oct 2023	2.8m	Threat
BALI TABANAN	0207z	25 Oct 2023	3.6m	Threat
JABAR TASIKMALAYA	0215z	25 Oct 2023	3.8m	Threat
JABAR GARUT	0220z	25 Oct 2023	3.2m	Threat
NTT MANGGARAI-BARAT P.	0220z	25 Oct 2023	2.9m	Threat
NTT SUMBA T	0221z	25 Oct 2023	3.5m	Threat
JABAR CIANJUR SINDANGBARANG	0222z	25 Oct 2023	2.7m	Threat
JABAR SUKABUMI UJUNG-GENTENG	0229z	25 Oct 2023	2.6m	Threat
NTT MANGGARAI-BARAT S	0230z	25 Oct 2023	2.4m	Threat
NTT MANGGARAI S	0239z	25 Oct 2023	1.9m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0240z	25 Oct 2023	3.3m	Threat
BANTEN LEBAK	0243z	25 Oct 2023	2.3m	Threat
BANTEN PANDEGLANG S	0244z	25 Oct 2023	2.3m	Threat
NTT KUPANG	0244z	25 Oct 2023	1.8m	Threat
BANTEN PANDEGLANG P.PANAITAN	0252z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS B	0301z	25 Oct 2023	2.4m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0309z	25 Oct 2023	2.5m	Threat
LAMPUNG TANGGAMUS P.TABUAN	0310z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS T	0310z	25 Oct 2023	2.2m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0311z	25 Oct 2023	2.3m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	0313z	25 Oct 2023	2.6m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0313z	25 Oct 2023	1.9m	Threat
BANTEN PANDEGLANG U	0315z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-SELATAN B	0318z	25 Oct 2023	1.3m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0318z	25 Oct 2023	2.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0321z	25 Oct 2023	2.7m	Threat
NTT ROTENDAO	0322z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0326z	25 Oct 2023	1.5m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0327z	25 Oct 2023	2.3m	Threat
NTB BIMA P.GILI	0328z	25 Oct 2023	1.4m	Threat
BENGKULU KAUR	0329z	25 Oct 2023	1.9m	Threat
PANTE MACASSAR	0334z	25 Oct 2023	1.3m	Threat
BENGKULU BENGKULU-SELATAN	0334z	25 Oct 2023	1.2m	Threat
NTT KOTA-KUPANG	0335z	25 Oct 2023	1.7m	Threat
NTT LEMBATA S	0338z	25 Oct 2023	1.2m	Threat
NTT ALOR S	0340z	25 Oct 2023	1.3m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	0342z	25 Oct 2023	1.6m	Threat
BANTEN SERANG B	0345z	25 Oct 2023	1.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0346z	25 Oct 2023	2.2m	Threat
NTT BELU U	0346z	25 Oct 2023	0.9m	Threat
NTT NGADA S	0347z	25 Oct 2023	1.2m	Threat
BENGKULU SELUMA	0352z	25 Oct 2023	2.1m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0354z	25 Oct 2023	3.2m	Threat
NTT ENDE S	0359z	25 Oct 2023	1.3m	Threat
BANTEN KOTA-CILEGON	0359z	25 Oct 2023	2.2m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0402z	25 Oct 2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	0408z	25 Oct 2023	1.9m	Threat
NTT SIKKA S	0408z	25 Oct 2023	1.0m	Threat
BENGKULU BENGKULU-UTARA U	0411z	25 Oct 2023	1.0m	Threat
NTT FLORES-TIMUR S	0413z	25 Oct 2023	1.6m	Threat
NTT FLORES-TIMUR P.SOLOR	0450z	25 Oct 2023	1.1m	Threat
MUARASIBERUT	0457z	25 Oct 2023	1.5m	Threat
SUMBAR PESISIR-SELATAN S	0505z	25 Oct 2023	0.8m	Threat

SUMBAR KOTA-PADANG U	0524z	25	Oct	2023	0.6m	Threat
SUMBAR PADANG-PARIAMAN U	0525z	25	Oct	2023	0.6m	Threat
SUMBAR AGAM	0543z	25	Oct	2023	0.8m	Threat
SUMBAR KOTA-PARIAMAN	0548z	25	Oct	2023	0.7m	Threat
NIAS-EAST	0552z	25	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	0553z	25	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0607z	25	Oct	2023	1.6m	Threat
BENGKULU MUKOMUKO	0627z	25	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL S	0837z	25	Oct	2023	0.8m	Threat
NTT TIMOR-TENGAH-SELATAN	0910z	25	Oct	2023	0.8m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0912z	25	Oct	2023	1.4m	Threat
NAD ACEH-SELATAN S	0915z	25	Oct	2023	0.7m	Threat
SUMUT MANDAILING-NATAL U	0936z	25	Oct	2023	0.7m	Threat
SUMUT TAPANULI-SELATAN	1051z	25	Oct	2023	0.9m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1056z	25	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	1101z	25	Oct	2023	1.0m	Threat
SUMUT TAPANULI-TENGAH U	1157z	25	Oct	2023	1.0m	Threat
NAD SIMEULUE P.SIMEULUE	1227z	25	Oct	2023	0.8m	Threat
NAD ACEH-BARAT-DAYA	1236z	25	Oct	2023	0.7m	Threat
NAD ACEH-SELATAN U	1238z	25	Oct	2023	0.6m	Threat
SUMUT NIAS B	1254z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.TANABALA	1259z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	1324z	25	Oct	2023	0.7m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1410z	25	Oct	2023	0.6m	Threat
NAD NAGAN-RAYA	1623z	25	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN U	1734z	25	Oct	2023	0.7m	Threat
NIAS	1739z	25	Oct	2023	0.8m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	1908z	25	Oct	2023	0.6m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	1917z	25	Oct	2023	0.7m	Threat
SUMBAR KOTA-PADANG S	1919z	25	Oct	2023	0.6m	Threat
NAD ACEH-JAYA	2202z	25	Oct	2023	0.5m	Threat
NIAS-NORTH	2204z	25	Oct	2023	0.5m	Threat
NAD ACEH-BARAT	2213z	25	Oct	2023	0.8m	Threat
NAD ACEH-BESAR B	2214z	25	Oct	2023	0.5m	Threat
NAD ACEH-SINGKIL	2316z	25	Oct	2023	0.6m	Threat
SOUTH OF BODAHAYIONE	2313z	25	Oct	2023	0.6m	Threat
NAD ACEH-BESAR P.BREUEH	0156z	26	Oct	2023	0.8m	Threat
GUNUNGSITOLI	0215z	26	Oct	2023	0.5m	Threat
SUMBAR PADANG-PARIAMAN S	0245z	26	Oct	2023	0.5m	Threat

KENYA

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MALINDI	2206z	25	Oct	2023	0.8m	Threat
KISIMACHANDE	0120z	26	Oct	2023	0.8m	Threat
MVULENI	0146z	26	Oct	2023	0.6m	Threat
KIPINI	0150z	26	Oct	2023	0.6m	Threat
KIWAYU	0205z	26	Oct	2023	0.5m	Threat

MADAGASCAR

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TOAMASINA AIRPORT	1124z	25	Oct	2023	2.0m	Threat
AMBAHY	1130z	25	Oct	2023	2.6m	Threat
MANANTENINA	1143z	25	Oct	2023	1.2m	Threat
TAMPOLO	1144z	25	Oct	2023	0.8m	Threat
VOHEMAR	1300z	25	Oct	2023	1.0m	Threat
FARAFAGANA	1329z	25	Oct	2023	1.1m	Threat
SAMPONA	1736z	25	Oct	2023	1.2m	Threat

MALDIVES

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 KULHUDUFFUSHI 0756z 25 Oct 2023 1.1m Threat  
 DHIYAMIGILI 0845z 25 Oct 2023 1.2m Threat  
 KOLHUFUSHI 1004z 25 Oct 2023 0.9m Threat  
 THINADHOO 1025z 25 Oct 2023 0.8m Threat  
 NILANDHOO 1143z 25 Oct 2023 0.9m Threat  
 MALE 1150z 25 Oct 2023 1.0m Threat  
 FERIDHOO 1501z 25 Oct 2023 1.0m Threat  
 GOIDHOO 1644z 25 Oct 2023 0.7m Threat

MAURITIUS

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 LA FERME 1124z 25 Oct 2023 0.7m Threat  
 GRANDE REVIERE SUD EST-EAST 1129z 25 Oct 2023 0.8m Threat  
 CARGADOS CARAJOS 1225z 25 Oct 2023 0.8m Threat

MOZAMBIQUE

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 MAGUEMBA 1629z 25 Oct 2023 0.8m Threat  
 MALUANA 1937z 25 Oct 2023 0.9m Threat  
 TAVARI 2221z 25 Oct 2023 0.7m Threat  
 MAPUTO 2249z 25 Oct 2023 0.5m Threat  
 ZAVALA 2257z 25 Oct 2023 0.6m Threat  
 MOGINCUAL 2331z 25 Oct 2023 0.6m Threat  
 OCONE 2344z 25 Oct 2023 0.5m Threat  
 INHASSORO 2359z 25 Oct 2023 0.5m Threat  
 VILA DO CHINDE 0005z 26 Oct 2023 0.6m Threat  
 NOVA LUSITANIA 0019z 26 Oct 2023 0.6m Threat  
 MAIONGUE 0056z 26 Oct 2023 0.5m Threat  
 XAI-XAI 0226z 26 Oct 2023 0.7m Threat

MYANMAR

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 CHEDUBA ISLAND 2216z 25 Oct 2023 0.5m Threat  
 MAWYEN 0218z 26 Oct 2023 0.5m Threat

OMAN

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 SALALAH 1443z 25 Oct 2023 0.9m Threat  
 HASIK 2351z 25 Oct 2023 0.5m Threat  
 MIRBAT 0021z 26 Oct 2023 0.5m Threat  
 AD DUQM 0141z 26 Oct 2023 0.6m Threat

SEYCHELLES

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 FREGATE ISLAND 1354z 25 Oct 2023 0.8m Threat  
 TAKAMAKA 1658z 25 Oct 2023 0.7m Threat

SOMALIA

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 BANDER-BEYLA 1414z 25 Oct 2023 0.8m Threat  
 TOOXIN 1418z 25 Oct 2023 1.2m Threat  
 XARARDHEERE 1434z 25 Oct 2023 0.8m Threat  
 ABO 1737z 25 Oct 2023 0.5m Threat  
 NE BEERNAASI 1745z 25 Oct 2023 0.6m Threat  
 GALDOGOB 2100z 25 Oct 2023 0.6m Threat  
 CEEL DHEER 2332z 25 Oct 2023 0.5m Threat  
 JARIIBAN 2340z 25 Oct 2023 0.6m Threat  
 MAREEG 0007z 26 Oct 2023 0.6m Threat

EYL	0134z	26	Oct	2023	0.6m	Threat
SOUTH AFRICA						
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LAKE SIBAYI	1559z	25	Oct	2023	1.0m	Threat
WILLOWVALE	1656z	25	Oct	2023	0.7m	Threat
LUSIKISIKI	1709z	25	Oct	2023	1.1m	Threat
MARSHSTRAND	1718z	25	Oct	2023	1.1m	Threat
KAYSERS BEACH	1721z	25	Oct	2023	0.7m	Threat
MANDI	1732z	25	Oct	2023	0.8m	Threat
FUNK SEAMOUNT	1747z	25	Oct	2023	0.7m	Threat
BIZANA	1802z	25	Oct	2023	0.8m	Threat
PORT ELIZABETH	1813z	25	Oct	2023	1.0m	Threat
ALEXANDRIA	1906z	25	Oct	2023	0.8m	Threat
KOSIMEER	1921z	25	Oct	2023	0.9m	Threat
KENTANI	1925z	25	Oct	2023	0.9m	Threat
MARGATE	1930z	25	Oct	2023	0.5m	Threat
MOSSEL	2029z	25	Oct	2023	1.4m	Threat
PORT DURNFORD	2129z	25	Oct	2023	0.6m	Threat
WITAAND	2218z	25	Oct	2023	0.6m	Threat
BREDASDORP	2229z	25	Oct	2023	0.9m	Threat
PEDDIE	2321z	25	Oct	2023	0.8m	Threat
BATHURST	2343z	25	Oct	2023	0.5m	Threat
ZIKHOVA	0028z	26	Oct	2023	0.5m	Threat
GEORGE	0046z	26	Oct	2023	0.5m	Threat
ABORETUM	0130z	26	Oct	2023	0.6m	Threat
ELLIOTDALE	0138z	26	Oct	2023	0.5m	Threat
HEIDELBERG	0209z	26	Oct	2023	0.7m	Threat
SRI LANKA						
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KATTANKUDI	0916z	25	Oct	2023	1.0m	Threat
HAMBANTOTA	0930z	25	Oct	2023	0.9m	Threat
AKKARAI PATTU	0939z	25	Oct	2023	1.3m	Threat
BATTICALOA	0940z	25	Oct	2023	1.1m	Threat
PANKULAM	1014z	25	Oct	2023	0.6m	Threat
MULLAITTIVU	1118z	25	Oct	2023	0.6m	Threat
KIRINDA	1241z	25	Oct	2023	0.8m	Threat
OKANDA	1404z	25	Oct	2023	1.0m	Threat
MORATUWA	1437z	25	Oct	2023	0.6m	Threat
MUSALI	1453z	25	Oct	2023	0.8m	Threat
COLOMBO	1500z	25	Oct	2023	0.8m	Threat
MANNAR ISLAND	1518z	25	Oct	2023	0.7m	Threat
POTTUVIL	1525z	25	Oct	2023	0.8m	Threat
MATARA	1534z	25	Oct	2023	0.6m	Threat
MUNDAL LAKE	1726z	25	Oct	2023	0.7m	Threat
GALLE	1745z	25	Oct	2023	0.7m	Threat
CHAVAKACHCHERI	1805z	25	Oct	2023	0.5m	Threat
TANGALLE	1835z	25	Oct	2023	0.5m	Threat
NEGOMBO	2017z	25	Oct	2023	0.6m	Threat
CHUNDIKKULAM	2047z	25	Oct	2023	0.7m	Threat
BERUWALA	2238z	25	Oct	2023	0.5m	Threat
POINT PEDRO	2304z	25	Oct	2023	0.7m	Threat
AMBALANGODA	2334z	25	Oct	2023	0.6m	Threat
ANAITIVU	0014z	26	Oct	2023	0.5m	Threat
TANZANIA						
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WEST TO KONDE	1628z	25	Oct	2023	0.8m	Threat

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BAGAMOYO	0133z	26 Oct 2023	0.7m	Threat
BOMALANDNI	0142z	26 Oct 2023	0.6m	Threat
VUMBA	0211z	26 Oct 2023	0.6m	Threat

THAILAND

-----  
THAI MUEANG\_TAKUA PA 0032z 26 Oct 2023 0.5m Threat

TIMOR-LESTE

-----  
PANTE MACASSAR 0336z 25 Oct 2023 0.9m Threat  
BOBONARO 0449z 25 Oct 2023 1.0m Threat  
LIQUICA 0739z 25 Oct 2023 0.6m Threat  
COVALIMA 1534z 25 Oct 2023 0.6m Threat

UNITED KINGDOM

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MORESBY ISLAND 1026z 25 Oct 2023 0.6m Threat  
DIEGO GARCIA 1213z 25 Oct 2023 0.5m Threat

YEMEN

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SOCOTRA ISLAND SOUTH 1354z 25 Oct 2023 0.8m Threat  
SOCOTRA ISLAND NORTH 1443z 25 Oct 2023 0.8m Threat  
AL GHAYDAH AIRPORT 1623z 25 Oct 2023 0.9m Threat  
HUSWAYN 1742z 25 Oct 2023 0.9m Threat  
DAMQAWT 1827z 25 Oct 2023 0.8m 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](mailto:tsunami@incois.gov.in)  
Web: [www.incois.gov.in](http://www.incois.gov.in)  
END OF BULLETIN

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

# BULLETIN 12

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#####  
#  
# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
#  
#####
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TSUNAMI BULLETIN NUMBER 12 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)  
ISSUED AT 1100 UTC WEDNESDAY 25 OCTOBER 2023  
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... 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: 9.1 Mwp (UPDATED)  
Depth: 10 km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
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Benoa (INDONESIA)	8.75S	115.22E	0226z	25 Oct 2023	11.7m
Christmas Island (AUSTRALIA)	10.4S	105.67E	0229z	25 Oct 2023	1.1m
DART 56001 (AUSTRALIA)	13.9S	110.00E	0236z	25 Oct 2023	2.2m
Prigi (INDONESIA)	8.28S	111.73E	0236z	25 Oct 2023	9.0m
Waikelo (INDONESIA)	9.39S	119.22E	0247z	25 Oct 2023	5.2m
Eggano (INDONESIA)	5.35S	102.28E	0335z	25 Oct 2023	2.4m
Cocos Island (AUSTRALIA)	12.1S	96.89E	0346z	25 Oct 2023	0.6m
Seblat (INDONESIA)	3.22S	101.60E	0427z	25 Oct 2023	1.6m
Telukdalam (INDONESIA)	0.55N	97.82E	0442z	25 Oct 2023	1.0m
Point Murat (AUSTRALIA)	21.8S	114.19E	0446z	25 Oct 2023	6.8m
Padang (INDONESIA)	1.00S	100.37E	0509z	25 Oct 2023	0.4m
Broome (AUSTRALIA)	18.0S	122.22E	0542z	25 Oct 2023	1.0m
Meulaboh (INDONESIA)	4.13N	96.13E	0603z	25 Oct 2023	0.4m
Sabang (INDONESIA)	5.83N	95.33E	0617z	25 Oct 2023	0.1m
Nancowry (INDIA)	8.05N	93.55E	0637z	25 Oct 2023	0.2m
Portblair (INDIA)	11.6N	92.77E	0710z	25 Oct 2023	0.1m
Gan (MALDIVE ISLANDS)	0.69S	73.15E	0720z	25 Oct 2023	0.8m
Colombo (SRILANKA)	6.95N	79.85E	0731z	25 Oct 2023	0.8m
Hanimaadhoo (MALDIVE ISLANDS)	6.77N	73.17E	0804z	25 Oct 2023	0.7m
Chennai (INDIA)	13.1N	80.30E	0808z	25 Oct 2023	0.5m
Visakhapatnam (INDIA)	17.6N	83.28E	0836z	25 Oct 2023	0.5m
Cochin (INDIA)	9.97N	76.27E	0919z	25 Oct 2023	0.2m
Sittwe (MYANMAR)	20.1N	92.90E	0921z	25 Oct 2023	0.1m



Pt.Louis (MAURITIUS)	20.1S	57.50E	0949z	25 Oct 2023	1.0m
Agalega (MAURITIUS)	10.3S	56.59E	1001z	25 Oct 2023	0.3m
Darwin (AUSTRALIA)	12.4S	130.85E	1034z	25 Oct 2023	0.3m
Thevenard (AUSTRALIA)	32.1S	133.64E	1040z	25 Oct 2023	0.2m

### 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

CHRISTMAS ISLAND	0229z	25 Oct 2023	0.9m	Threat
NINGALOO COAST	0415z	25 Oct 2023	8.4m	Threat
PILBARA COAST WEST	0421z	25 Oct 2023	4.5m	Threat
WEST KIMBERLY COAST	0439z	25 Oct 2023	2.4m	Threat
PILBARA COAST EAST	0444z	25 Oct 2023	4.0m	Threat
GASCOYNE COAST	0504z	25 Oct 2023	3.2m	Threat
NORTH KIMBERLY COAST	0515z	25 Oct 2023	1.8m	Threat
GERALDTON COAST	0522z	25 Oct 2023	2.4m	Threat
LANCELIN COAST	0554z	25 Oct 2023	1.2m	Threat
PERTH COAST	0559z	25 Oct 2023	1.5m	Threat
BUNBURY GEOGRAPHE COAST	0621z	25 Oct 2023	1.6m	Threat
LEEUEWIN COAST	0624z	25 Oct 2023	1.2m	Threat
ASHMORE REEF	0940z	25 Oct 2023	0.8m	Threat
BEAGLE BONAPARTE COAST	0958z	25 Oct 2023	1.0m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1145z	25 Oct 2023	2.1m	Threat
AURORA BANK	1235z	25 Oct 2023	0.9m	Threat
ALBANY COAST	1456z	25 Oct 2023	0.8m	Threat
NORTH TIWI COAST	1916z	25 Oct 2023	0.8m	Threat
ESPERENCE COAST	2229z	25 Oct 2023	0.6m	Threat
EUCLA COAST	0112z	26 Oct 2023	0.5m	Threat
ARAFURA COAST	0211z	26 Oct 2023	0.7m	Threat
SOUTH CENTRAL COAST SA	0240z	26 Oct 2023	0.6m	Threat

#### FRANCE

LLE SAINT-PAUL-SOUTH	0929z	25 Oct 2023	0.7m	Threat
SAINT - JOSEPH	1112z	25 Oct 2023	0.6m	Threat
ILE KERGUELEN	1120z	25 Oct 2023	2.2m	Threat
CROZET PLATEAU	1237z	25 Oct 2023	0.8m	Threat
ILE DE LA POSSESSION	1315z	25 Oct 2023	1.1m	Threat
NES CROZET	1549z	25 Oct 2023	0.5m	Threat
LLE SAINT-PAUL-NORTH	1707z	25 Oct 2023	0.5m	Threat

#### INDIA

MAHABALIPURAM	1003z	25 Oct 2023	0.9m	Threat
MACHILIPATNAM	1042z	25 Oct 2023	0.8m	Threat
KOTTAPATNAM	1054z	25 Oct 2023	1.2m	Threat
ENNORE	1059z	25 Oct 2023	1.4m	Threat
NIJAMPATTANAM	1101z	25 Oct 2023	1.2m	Threat
KAKINADA	1104z	25 Oct 2023	0.7m	Threat
VISAKHAPATNAM	1105z	25 Oct 2023	0.8m	Threat

KANYAKUMARI	1107z	25	Oct	2023	1.0m	Threat
TUTICORIN	1115z	25	Oct	2023	1.0m	Threat
RAMESWARAM	1120z	25	Oct	2023	1.1m	Threat
KOODANKULAM	1120z	25	Oct	2023	0.9m	Threat
ALLEPPEY ALAPPUZHA	1150z	25	Oct	2023	0.7m	Threat
SRIHARIKOTA	1426z	25	Oct	2023	1.0m	Threat
AGATTI	1447z	25	Oct	2023	0.6m	Threat
COCHIN	1458z	25	Oct	2023	0.6m	Threat
KARAIKAL	1505z	25	Oct	2023	0.7m	Threat
CHENNAI	1513z	25	Oct	2023	1.1m	Threat
JAMBOO	1546z	25	Oct	2023	0.8m	Threat
PUDUCHERRY	1555z	25	Oct	2023	0.6m	Threat
KANNUR	1613z	25	Oct	2023	0.6m	Threat
BEYPORE	1623z	25	Oct	2023	0.6m	Threat
VAKKAD	1644z	25	Oct	2023	0.5m	Threat
QUILON	1647z	25	Oct	2023	0.5m	Threat
KOMATRA & KATCHAL ISLAND	1720z	25	Oct	2023	0.8m	Threat
INDIRA POINT	1726z	25	Oct	2023	0.6m	Threat
CAR NICOBAR	1735z	25	Oct	2023	0.6m	Threat
POOMBUHAR	1753z	25	Oct	2023	0.6m	Threat
KOTTAIPPATTANAM	1757z	25	Oct	2023	0.8m	Threat
PERUPALEM	1831z	25	Oct	2023	0.7m	Threat
DHAMRA	1848z	25	Oct	2023	0.7m	Threat
DIGHA	1904z	25	Oct	2023	0.5m	Threat
NAGAPATTINAM	1933z	25	Oct	2023	0.7m	Threat
MAHE	1934z	25	Oct	2023	0.5m	Threat
NORTH SENTINEL ISLAND	1937z	25	Oct	2023	0.9m	Threat
LITTLE ANDAMAN	1937z	25	Oct	2023	0.7m	Threat
KALINGAPATNAM	1946z	25	Oct	2023	0.8m	Threat
CUDDALORE	2004z	25	Oct	2023	0.6m	Threat
MARAKKANAM	2006z	25	Oct	2023	0.7m	Threat
PURI	2048z	25	Oct	2023	0.8m	Threat
PORT BLAIR	2107z	25	Oct	2023	0.9m	Threat
VADANAPPALLY	2250z	25	Oct	2023	0.6m	Threat
MUTHUPET	2331z	25	Oct	2023	0.6m	Threat
MALLIPATTINAM	2342z	25	Oct	2023	0.6m	Threat
KONADA	2352z	25	Oct	2023	0.8m	Threat
WEST & LANDFALL ISLAND	0057z	26	Oct	2023	0.5m	Threat
GOPALPUR	0235z	26	Oct	2023	0.8m	Threat

INDONESIA

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BALI BADUNG PANTAI-KUTA	0202z	25	Oct	2023	4.4m	Threat
BALI DENPASAR PANTAI-SANUR	0202z	25	Oct	2023	5.0m	Threat
JATENG PURWOREJO	0202z	25	Oct	2023	8.8m	Threat
JATIM TULUNGAGUNG	0202z	25	Oct	2023	7.6m	Threat
JATIM BANYUWANGI S	0203z	25	Oct	2023	4.9m	Threat
NTB KOTA-BIMA S	0203z	25	Oct	2023	3.3m	Threat
NTB SUMBAWA S	0203z	25	Oct	2023	3.5m	Threat
JATIM MALANG	0203z	25	Oct	2023	8.0m	Threat
JATIM JEMBER P.NUSABARUNG	0203z	25	Oct	2023	6.9m	Threat
NTB DOMPU S	0204z	25	Oct	2023	1.5m	Threat
NTB SUMBAWA B	0204z	25	Oct	2023	4.2m	Threat
JABAR CIAMIS	0204z	25	Oct	2023	5.8m	Threat
JATENG WONOGIRI	0204z	25	Oct	2023	9.2m	Threat
JATIM PACITAN	0204z	25	Oct	2023	8.9m	Threat
JATIM BLITAR	0204z	25	Oct	2023	8.8m	Threat
JATIM LUMAJANG	0204z	25	Oct	2023	5.8m	Threat
NTB LOMBOK-TENGAH	0204z	25	Oct	2023	3.0m	Threat

BALI KLUNGKUNG P.NUSAPENIDA	0205z	25	Oct	2023	3.2m	Threat
NTB LOMBOK-TIMUR S	0205z	25	Oct	2023	2.7m	Threat
JATENG CILACAP	0205z	25	Oct	2023	6.7m	Threat
DIY KULON-PROGO	0205z	25	Oct	2023	9.3m	Threat
JATIM JEMBER	0206z	25	Oct	2023	9.0m	Threat
JATENG KEBUMEN	0206z	25	Oct	2023	6.7m	Threat
DIY BANTUL	0206z	25	Oct	2023	7.3m	Threat
DIY GUNUNG-KIDUL	0206z	25	Oct	2023	11.9m	Threat
JATIM TRENGGALEK	0206z	25	Oct	2023	8.3m	Threat
NTB LOMBOK-BARAT S	0206z	25	Oct	2023	2.9m	Threat
NTT SUMBA B	0207z	25	Oct	2023	2.8m	Threat
BALI TABANAN	0207z	25	Oct	2023	3.6m	Threat
JABAR TASIKMALAYA	0215z	25	Oct	2023	3.8m	Threat
JABAR GARUT	0220z	25	Oct	2023	3.2m	Threat
NTT MANGGARAI-BARAT P.	0220z	25	Oct	2023	2.9m	Threat
NTT SUMBA T	0221z	25	Oct	2023	3.5m	Threat
JABAR CIANJUR SINDANGBARANG	0222z	25	Oct	2023	2.7m	Threat
JABAR SUKABUMI UJUNG-GENTENG	0229z	25	Oct	2023	2.6m	Threat
NTT MANGGARAI-BARAT S	0230z	25	Oct	2023	2.4m	Threat
NTT MANGGARAI S	0239z	25	Oct	2023	1.9m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0240z	25	Oct	2023	3.3m	Threat
BANTEN LEBAK	0243z	25	Oct	2023	2.3m	Threat
BANTEN PANDEGLANG S	0244z	25	Oct	2023	2.3m	Threat
NTT KUPANG	0244z	25	Oct	2023	1.8m	Threat
BANTEN PANDEGLANG P.PANAITAN	0252z	25	Oct	2023	1.6m	Threat
LAMPUNG TANGGAMUS B	0301z	25	Oct	2023	2.4m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0309z	25	Oct	2023	2.5m	Threat
LAMPUNG TANGGAMUS P.TABUAN	0310z	25	Oct	2023	1.6m	Threat
LAMPUNG TANGGAMUS T	0310z	25	Oct	2023	2.2m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0311z	25	Oct	2023	2.3m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	0313z	25	Oct	2023	2.6m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0313z	25	Oct	2023	1.9m	Threat
BANTEN PANDEGLANG U	0315z	25	Oct	2023	1.7m	Threat
LAMPUNG LAMPUNG-SELATAN B	0318z	25	Oct	2023	1.3m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0318z	25	Oct	2023	2.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0321z	25	Oct	2023	2.7m	Threat
NTT ROTENDAO	0322z	25	Oct	2023	1.7m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0326z	25	Oct	2023	1.5m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0327z	25	Oct	2023	2.3m	Threat
NTB BIMA P.GILI	0328z	25	Oct	2023	1.4m	Threat
BENGKULU KAUR	0329z	25	Oct	2023	1.9m	Threat
PANTE MACASSAR	0334z	25	Oct	2023	1.3m	Threat
BENGKULU BENGKULU-SELATAN	0334z	25	Oct	2023	1.2m	Threat
NTT KOTA-KUPANG	0335z	25	Oct	2023	1.7m	Threat
NTT LEMBATA S	0338z	25	Oct	2023	1.2m	Threat
NTT ALOR S	0340z	25	Oct	2023	1.3m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	0342z	25	Oct	2023	1.6m	Threat
BANTEN SERANG B	0345z	25	Oct	2023	1.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0346z	25	Oct	2023	2.2m	Threat
NTT BELU U	0346z	25	Oct	2023	0.9m	Threat
NTT NGADA S	0347z	25	Oct	2023	1.2m	Threat
BENGKULU SELUMA	0352z	25	Oct	2023	2.1m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0354z	25	Oct	2023	3.2m	Threat
NTT ENDE S	0359z	25	Oct	2023	1.3m	Threat
BANTEN KOTA-CILEGON	0359z	25	Oct	2023	2.2m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0402z	25	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	0408z	25	Oct	2023	1.9m	Threat
NTT SIKKA S	0408z	25	Oct	2023	1.0m	Threat
BENGKULU BENGKULU-UTARA U	0411z	25	Oct	2023	1.0m	Threat

NTT FLORES-TIMUR S	0413z	25 Oct 2023	1.6m	Threat
NTT FLORES-TIMUR P.SOLOR	0450z	25 Oct 2023	1.1m	Threat
MUARASIBERUT	0457z	25 Oct 2023	1.5m	Threat
SUMBAR PESISIR-SELATAN S	0505z	25 Oct 2023	0.8m	Threat
SUMBAR KOTA-PADANG U	0524z	25 Oct 2023	0.6m	Threat
SUMBAR PADANG-PARIAMAN U	0525z	25 Oct 2023	0.6m	Threat
SUMBAR AGAM	0543z	25 Oct 2023	0.8m	Threat
SUMBAR KOTA-PARIAMAN	0548z	25 Oct 2023	0.7m	Threat
NIAS-EAST	0552z	25 Oct 2023	0.9m	Threat
SUMBAR KOTA-PADANG U	0553z	25 Oct 2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0607z	25 Oct 2023	1.6m	Threat
BENGKULU MUKOMUKO	0627z	25 Oct 2023	1.1m	Threat
SUMUT MANDAILING-NATAL S	0837z	25 Oct 2023	0.8m	Threat
NTT TIMOR-TENGAH-SELATAN	0910z	25 Oct 2023	0.8m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0912z	25 Oct 2023	1.4m	Threat
NAD ACEH-SELATAN S	0915z	25 Oct 2023	0.7m	Threat
SUMUT MANDAILING-NATAL U	0936z	25 Oct 2023	0.7m	Threat
SUMUT TAPANULI-SELATAN	1051z	25 Oct 2023	0.9m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1056z	25 Oct 2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	1101z	25 Oct 2023	1.0m	Threat
SUMUT TAPANULI-TENGAH U	1157z	25 Oct 2023	1.0m	Threat
NAD SIMEULUE P.SIMEULUE	1227z	25 Oct 2023	0.8m	Threat
NAD ACEH-BARAT-DAYA	1236z	25 Oct 2023	0.7m	Threat
NAD ACEH-SELATAN U	1238z	25 Oct 2023	0.6m	Threat
SUMUT NIAS B	1254z	25 Oct 2023	0.8m	Threat
SUMUT NIAS-SELATAN P.TANABALA	1259z	25 Oct 2023	0.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	1324z	25 Oct 2023	0.7m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1410z	25 Oct 2023	0.6m	Threat
NAD NAGAN-RAYA	1623z	25 Oct 2023	0.7m	Threat
SUMBAR PESISIR-SELATAN U	1734z	25 Oct 2023	0.7m	Threat
NIAS	1739z	25 Oct 2023	0.8m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	1908z	25 Oct 2023	0.6m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	1917z	25 Oct 2023	0.7m	Threat
SUMBAR KOTA-PADANG S	1919z	25 Oct 2023	0.6m	Threat
NAD ACEH-JAYA	2202z	25 Oct 2023	0.5m	Threat
NIAS-NORTH	2204z	25 Oct 2023	0.5m	Threat
NAD ACEH-BARAT	2213z	25 Oct 2023	0.8m	Threat
NAD ACEH-BESAR B	2214z	25 Oct 2023	0.5m	Threat
NAD ACEH-SINGKIL	2316z	25 Oct 2023	0.6m	Threat
SOUTH OF BODAHAYIONE	2313z	25 Oct 2023	0.6m	Threat
NAD ACEH-BESAR P.BREUEH	0156z	26 Oct 2023	0.8m	Threat
GUNUNGSITOLI	0215z	26 Oct 2023	0.5m	Threat
SUMBAR PADANG-PARIAMAN S	0245z	26 Oct 2023	0.5m	Threat

KENYA

MALINDI	2206z	25 Oct 2023	0.8m	Threat
KISIMACHANDE	0120z	26 Oct 2023	0.8m	Threat
MVULENI	0146z	26 Oct 2023	0.6m	Threat
KIPINI	0150z	26 Oct 2023	0.6m	Threat
KIWAYU	0205z	26 Oct 2023	0.5m	Threat

MADAGASCAR

TOAMASINA AIRPORT	1124z	25 Oct 2023	2.0m	Threat
AMBAHY	1130z	25 Oct 2023	2.6m	Threat
MANANTENINA	1143z	25 Oct 2023	1.2m	Threat
TAMPOLO	1144z	25 Oct 2023	0.8m	Threat
VOHEMAR	1300z	25 Oct 2023	1.0m	Threat

FARAFAGANA	1329z	25 Oct 2023	1.1m	Threat
SAMPONA	1736z	25 Oct 2023	1.2m	Threat
MALDIVES				
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KULHUDUFFUSHI	0756z	25 Oct 2023	1.1m	Threat
DHIYAMIGILI	0845z	25 Oct 2023	1.2m	Threat
KOLHUFUSHI	1004z	25 Oct 2023	0.9m	Threat
THINADHOO	1025z	25 Oct 2023	0.8m	Threat
NILANDHOO	1143z	25 Oct 2023	0.9m	Threat
MALE	1150z	25 Oct 2023	1.0m	Threat
FERIDHOO	1501z	25 Oct 2023	1.0m	Threat
GOIDHOO	1644z	25 Oct 2023	0.7m	Threat
MAURITIUS				
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LA FERME	1124z	25 Oct 2023	0.7m	Threat
GRANDE REVIERE SUD EST-EAST	1129z	25 Oct 2023	0.8m	Threat
CARGADOS CARAJOS	1225z	25 Oct 2023	0.8m	Threat
MOZAMBIQUE				
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MAGUEMBA	1629z	25 Oct 2023	0.8m	Threat
MALUANA	1937z	25 Oct 2023	0.9m	Threat
TAVARI	2221z	25 Oct 2023	0.7m	Threat
MAPUTO	2249z	25 Oct 2023	0.5m	Threat
ZAVALA	2257z	25 Oct 2023	0.6m	Threat
MOGINCUAL	2331z	25 Oct 2023	0.6m	Threat
OCONE	2344z	25 Oct 2023	0.5m	Threat
INHASSORO	2359z	25 Oct 2023	0.5m	Threat
VILA DO CHINDE	0005z	26 Oct 2023	0.6m	Threat
NOVA LUSITANIA	0019z	26 Oct 2023	0.6m	Threat
MAIONGUE	0056z	26 Oct 2023	0.5m	Threat
XAI-XAI	0226z	26 Oct 2023	0.7m	Threat
MYANMAR				
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CHEDUBA ISLAND	2216z	25 Oct 2023	0.5m	Threat
MAWYEN	0218z	26 Oct 2023	0.5m	Threat
OMAN				
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SALALAH	1443z	25 Oct 2023	0.9m	Threat
HASIK	2351z	25 Oct 2023	0.5m	Threat
MIRBAT	0021z	26 Oct 2023	0.5m	Threat
AD DUQM	0141z	26 Oct 2023	0.6m	Threat
SEYCHELLES				
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FREGATE ISLAND	1354z	25 Oct 2023	0.8m	Threat
TAKAMAKA	1658z	25 Oct 2023	0.7m	Threat
SOMALIA				
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BANDER-BEYLA	1414z	25 Oct 2023	0.8m	Threat
TOOXIN	1418z	25 Oct 2023	1.2m	Threat
XARARDHEERE	1434z	25 Oct 2023	0.8m	Threat
ABO	1737z	25 Oct 2023	0.5m	Threat
NE BEERNAASI	1745z	25 Oct 2023	0.6m	Threat

GALDOGOB	2100z	25 Oct 2023	0.6m	Threat
CEEL DHEER	2332z	25 Oct 2023	0.5m	Threat
JARIIBAN	2340z	25 Oct 2023	0.6m	Threat
MAREEG	0007z	26 Oct 2023	0.6m	Threat
EYL	0134z	26 Oct 2023	0.6m	Threat

SOUTH AFRICA

LAKE SIBAYI	1559z	25 Oct 2023	1.0m	Threat
WILLOWVALE	1656z	25 Oct 2023	0.7m	Threat
LUSIKISIKI	1709z	25 Oct 2023	1.1m	Threat
MARSHSTRAND	1718z	25 Oct 2023	1.1m	Threat
KAYSERS BEACH	1721z	25 Oct 2023	0.7m	Threat
MANDI	1732z	25 Oct 2023	0.8m	Threat
FUNK SEAMOUNT	1747z	25 Oct 2023	0.7m	Threat
BIZANA	1802z	25 Oct 2023	0.8m	Threat
PORT ELIZABETH	1813z	25 Oct 2023	1.0m	Threat
ALEXANDRIA	1906z	25 Oct 2023	0.8m	Threat
KOSIMEER	1921z	25 Oct 2023	0.9m	Threat
KENTANI	1925z	25 Oct 2023	0.9m	Threat
MARGATE	1930z	25 Oct 2023	0.5m	Threat
MOSEL	2029z	25 Oct 2023	1.4m	Threat
PORT DURNFORD	2129z	25 Oct 2023	0.6m	Threat
WITAAND	2218z	25 Oct 2023	0.6m	Threat
BREDASDORP	2229z	25 Oct 2023	0.9m	Threat
PEDDIE	2321z	25 Oct 2023	0.8m	Threat
BATHURST	2343z	25 Oct 2023	0.5m	Threat
ZIKHOVA	0028z	26 Oct 2023	0.5m	Threat
GEORGE	0046z	26 Oct 2023	0.5m	Threat
ABORETUM	0130z	26 Oct 2023	0.6m	Threat
ELLIOTDALE	0138z	26 Oct 2023	0.5m	Threat
HEIDELBERG	0209z	26 Oct 2023	0.7m	Threat

SRI LANKA

KATTANKUDI	0916z	25 Oct 2023	1.0m	Threat
HAMBANTOTA	0930z	25 Oct 2023	0.9m	Threat
AKKARAI PATTU	0939z	25 Oct 2023	1.3m	Threat
BATTICALOA	0940z	25 Oct 2023	1.1m	Threat
PANKULAM	1014z	25 Oct 2023	0.6m	Threat
MULLAITTIVU	1118z	25 Oct 2023	0.6m	Threat
KIRINDA	1241z	25 Oct 2023	0.8m	Threat
OKANDA	1404z	25 Oct 2023	1.0m	Threat
MORATUWA	1437z	25 Oct 2023	0.6m	Threat
MUSALI	1453z	25 Oct 2023	0.8m	Threat
COLOMBO	1500z	25 Oct 2023	0.8m	Threat
MANNAR ISLAND	1518z	25 Oct 2023	0.7m	Threat
POTTUVIL	1525z	25 Oct 2023	0.8m	Threat
MATARA	1534z	25 Oct 2023	0.6m	Threat
MUNDAL LAKE	1726z	25 Oct 2023	0.7m	Threat
GALLE	1745z	25 Oct 2023	0.7m	Threat
CHAVAKACHCHERI	1805z	25 Oct 2023	0.5m	Threat
TANGALLE	1835z	25 Oct 2023	0.5m	Threat
NEGOMBO	2017z	25 Oct 2023	0.6m	Threat
CHUNDIKKULAM	2047z	25 Oct 2023	0.7m	Threat
BERUWALA	2238z	25 Oct 2023	0.5m	Threat
POINT PEDRO	2304z	25 Oct 2023	0.7m	Threat
AMBALANGODA	2334z	25 Oct 2023	0.6m	Threat
ANAITIVU	0014z	26 Oct 2023	0.5m	Threat

TANZANIA

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WEST TO KONDE	1628z	25 Oct 2023	0.8m	Threat
BAGAMOYO	0133z	26 Oct 2023	0.7m	Threat
BOMALANDNI	0142z	26 Oct 2023	0.6m	Threat
VUMBA	0211z	26 Oct 2023	0.6m	Threat

THAILAND

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THAI MUEANG_TAKUA PA	0032z	26 Oct 2023	0.5m	Threat
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TIMOR-LESTE

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PANTE MACASSAR	0336z	25 Oct 2023	0.9m	Threat
BOBONARO	0449z	25 Oct 2023	1.0m	Threat
LIQUICA	0739z	25 Oct 2023	0.6m	Threat
COVALIMA	1534z	25 Oct 2023	0.6m	Threat

UNITED KINGDOM

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MORESBY ISLAND	1026z	25 Oct 2023	0.6m	Threat
DIEGO GARCIA	1213z	25 Oct 2023	0.5m	Threat

YEMEN

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SOCOTRA ISLAND SOUTH	1354z	25 Oct 2023	0.8m	Threat
SOCOTRA ISLAND NORTH	1443z	25 Oct 2023	0.8m	Threat
AL GHAYDAH AIRPORT	1623z	25 Oct 2023	0.9m	Threat
HUSWAYN	1742z	25 Oct 2023	0.9m	Threat
DAMQAWT	1827z	25 Oct 2023	0.8m	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](mailto:tsunami@incois.gov.in)

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

END OF BULLETIN

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



# BULLETIN 13

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#####  
#  
# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
#  
#####
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TSUNAMI BULLETIN NUMBER 13 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)  
ISSUED AT 1200 UTC WEDNESDAY 25 OCTOBER 2023  
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... 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: 9.1 Mwp (UPDATED)  
Depth: 10 km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
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Benoa (INDONESIA)	8.75S	115.22E	0226z	25 Oct 2023	11.7m
Christmas Island (AUSTRALIA)	10.4S	105.67E	0229z	25 Oct 2023	1.1m
DART 56001 (AUSTRALIA)	13.9S	110.00E	0236z	25 Oct 2023	2.2m
Prigi (INDONESIA)	8.28S	111.73E	0236z	25 Oct 2023	9.0m
Waikelo (INDONESIA)	9.39S	119.22E	0247z	25 Oct 2023	5.2m
Eggano (INDONESIA)	5.35S	102.28E	0335z	25 Oct 2023	2.4m
Cocos Island (AUSTRALIA)	12.1S	96.89E	0346z	25 Oct 2023	0.6m
Seblat (INDONESIA)	3.22S	101.60E	0427z	25 Oct 2023	1.6m
Telukdalam (INDONESIA)	0.55N	97.82E	0442z	25 Oct 2023	1.0m
Point Murat (AUSTRALIA)	21.8S	114.19E	0446z	25 Oct 2023	6.8m
Padang (INDONESIA)	1.00S	100.37E	0509z	25 Oct 2023	0.4m
Broome (AUSTRALIA)	18.0S	122.22E	0542z	25 Oct 2023	1.0m
Meulaboh (INDONESIA)	4.13N	96.13E	0603z	25 Oct 2023	0.4m
Sabang (INDONESIA)	5.83N	95.33E	0617z	25 Oct 2023	0.1m
Nancowry (INDIA)	8.05N	93.55E	0637z	25 Oct 2023	0.2m
Portblair (INDIA)	11.6N	92.77E	0710z	25 Oct 2023	0.1m
Gan (MALDIVE ISLANDS)	0.69S	73.15E	0720z	25 Oct 2023	0.8m
Colombo (SRILANKA)	6.95N	79.85E	0731z	25 Oct 2023	0.8m
Hanimaadhoo (MALDIVE ISLANDS)	6.77N	73.17E	0804z	25 Oct 2023	0.7m
Chennai (INDIA)	13.1N	80.30E	0808z	25 Oct 2023	0.5m
Visakhapatnam (INDIA)	17.6N	83.28E	0836z	25 Oct 2023	0.5m
Cochin (INDIA)	9.97N	76.27E	0919z	25 Oct 2023	0.2m
Sittwe (MYANMAR)	20.1N	92.90E	0921z	25 Oct 2023	0.1m
Pt.Louis (MAURITIUS)	20.1S	57.50E	0949z	25 Oct 2023	1.0m

Agalega (MAURITIUS)	10.3S	56.59E	1001z	25 Oct 2023	0.3m
Darwin (AUSTRALIA)	12.4S	130.85E	1034z	25 Oct 2023	0.3m
Thevenard (AUSTRALIA)	32.1S	133.64E	1040z	25 Oct 2023	0.2m
DART 55015 (AUSTRALIA)	46.9S	160.34E	1110z	25 Oct 2023	0.02m
Masirah (OMAN)	20.6N	58.87E	1122z	25 Oct 2023	0.1m

### 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

CHRISTMAS ISLAND	0229z	25 Oct 2023	0.9m	Threat
NINGALOO COAST	0415z	25 Oct 2023	8.4m	Threat
PILBARA COAST WEST	0421z	25 Oct 2023	4.5m	Threat
WEST KIMBERLY COAST	0439z	25 Oct 2023	2.4m	Threat
PILBARA COAST EAST	0444z	25 Oct 2023	4.0m	Threat
GASCOYNE COAST	0504z	25 Oct 2023	3.2m	Threat
NORTH KIMBERLY COAST	0515z	25 Oct 2023	1.8m	Threat
GERALDTON COAST	0522z	25 Oct 2023	2.4m	Threat
LANCELIN COAST	0554z	25 Oct 2023	1.2m	Threat
PERTH COAST	0559z	25 Oct 2023	1.5m	Threat
BUNBURY GEOGRAPHE COAST	0621z	25 Oct 2023	1.6m	Threat
LEEUWIN COAST	0624z	25 Oct 2023	1.2m	Threat
ASHMORE REEF	0940z	25 Oct 2023	0.8m	Threat
BEAGLE BONAPARTE COAST	0958z	25 Oct 2023	1.0m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1145z	25 Oct 2023	2.1m	Threat
AURORA BANK	1235z	25 Oct 2023	0.9m	Threat
ALBANY COAST	1456z	25 Oct 2023	0.8m	Threat
NORTH TIWI COAST	1916z	25 Oct 2023	0.8m	Threat
ESPERENCE COAST	2229z	25 Oct 2023	0.6m	Threat
EUCLA COAST	0112z	26 Oct 2023	0.5m	Threat
ARAFURA COAST	0211z	26 Oct 2023	0.7m	Threat
SOUTH CENTRAL COAST SA	0240z	26 Oct 2023	0.6m	Threat

#### FRANCE

LLE SAINT-PAUL-SOUTH	0929z	25 Oct 2023	0.7m	Threat
SAINT - JOSEPH	1112z	25 Oct 2023	0.6m	Threat
ILE KERGUELEN	1120z	25 Oct 2023	2.2m	Threat
CROZET PLATEAU	1237z	25 Oct 2023	0.8m	Threat
ILE DE LA POSSESSION	1315z	25 Oct 2023	1.1m	Threat
NES CROZET	1549z	25 Oct 2023	0.5m	Threat
LLE SAINT-PAUL-NORTH	1707z	25 Oct 2023	0.5m	Threat

#### INDIA

MAHABALIPURAM	1003z	25 Oct 2023	0.9m	Threat
MACHILIPATNAM	1042z	25 Oct 2023	0.8m	Threat
KOTTAPATNAM	1054z	25 Oct 2023	1.2m	Threat
ENNORE	1059z	25 Oct 2023	1.4m	Threat
NIJAMPATTANAM	1101z	25 Oct 2023	1.2m	Threat
KAKINADA	1104z	25 Oct 2023	0.7m	Threat

VISAKHAPATNAM	1105z	25	Oct	2023	0.8m	Threat
KANYAKUMARI	1107z	25	Oct	2023	1.0m	Threat
TUTICORIN	1115z	25	Oct	2023	1.0m	Threat
RAMESWARAM	1120z	25	Oct	2023	1.1m	Threat
KOODANKULAM	1120z	25	Oct	2023	0.9m	Threat
ALLEPPEY ALAPPUZHA	1150z	25	Oct	2023	0.7m	Threat
SRIHARIKOTA	1426z	25	Oct	2023	1.0m	Threat
AGATTI	1447z	25	Oct	2023	0.6m	Threat
COCHIN	1458z	25	Oct	2023	0.6m	Threat
KARAIKAL	1505z	25	Oct	2023	0.7m	Threat
CHENNAI	1513z	25	Oct	2023	1.1m	Threat
JAMBOO	1546z	25	Oct	2023	0.8m	Threat
PUDUCHERRY	1555z	25	Oct	2023	0.6m	Threat
KANNUR	1613z	25	Oct	2023	0.6m	Threat
BEYPORE	1623z	25	Oct	2023	0.6m	Threat
VAKKAD	1644z	25	Oct	2023	0.5m	Threat
QUILON	1647z	25	Oct	2023	0.5m	Threat
KOMATRA & KATCHAL ISLAND	1720z	25	Oct	2023	0.8m	Threat
INDIRA POINT	1726z	25	Oct	2023	0.6m	Threat
CAR NICOBAR	1735z	25	Oct	2023	0.6m	Threat
POOMBUHAR	1753z	25	Oct	2023	0.6m	Threat
KOTTAIPPATTANAM	1757z	25	Oct	2023	0.8m	Threat
PERUPALEM	1831z	25	Oct	2023	0.7m	Threat
DHAMRA	1848z	25	Oct	2023	0.7m	Threat
DIGHA	1904z	25	Oct	2023	0.5m	Threat
NAGAPATTINAM	1933z	25	Oct	2023	0.7m	Threat
MAHE	1934z	25	Oct	2023	0.5m	Threat
NORTH SENTINEL ISLAND	1937z	25	Oct	2023	0.9m	Threat
LITTLE ANDAMAN	1937z	25	Oct	2023	0.7m	Threat
KALINGAPATNAM	1946z	25	Oct	2023	0.8m	Threat
CUDDALORE	2004z	25	Oct	2023	0.6m	Threat
MARAKKANAM	2006z	25	Oct	2023	0.7m	Threat
PURI	2048z	25	Oct	2023	0.8m	Threat
PORT BLAIR	2107z	25	Oct	2023	0.9m	Threat
VADANAPPALLY	2250z	25	Oct	2023	0.6m	Threat
MUTHUPET	2331z	25	Oct	2023	0.6m	Threat
MALLIPATTINAM	2342z	25	Oct	2023	0.6m	Threat
KONADA	2352z	25	Oct	2023	0.8m	Threat
WEST & LANDFALL ISLAND	0057z	26	Oct	2023	0.5m	Threat
GOPALPUR	0235z	26	Oct	2023	0.8m	Threat

INDONESIA

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BALI BADUNG PANTAI-KUTA	0202z	25	Oct	2023	4.4m	Threat
BALI DENPASAR PANTAI-SANUR	0202z	25	Oct	2023	5.0m	Threat
JATENG PURWOREJO	0202z	25	Oct	2023	8.8m	Threat
JATIM TULUNGAGUNG	0202z	25	Oct	2023	7.6m	Threat
JATIM BANYUWANGI S	0203z	25	Oct	2023	4.9m	Threat
NTB KOTA-BIMA S	0203z	25	Oct	2023	3.3m	Threat
NTB SUMBAWA S	0203z	25	Oct	2023	3.5m	Threat
JATIM MALANG	0203z	25	Oct	2023	8.0m	Threat
JATIM JEMBER P.NUSABARUNG	0203z	25	Oct	2023	6.9m	Threat
NTB DOMPU S	0204z	25	Oct	2023	1.5m	Threat
NTB SUMBAWA B	0204z	25	Oct	2023	4.2m	Threat
JABAR CIAMIS	0204z	25	Oct	2023	5.8m	Threat
JATENG WONOGIRI	0204z	25	Oct	2023	9.2m	Threat
JATIM PACITAN	0204z	25	Oct	2023	8.9m	Threat
JATIM BLITAR	0204z	25	Oct	2023	8.8m	Threat
JATIM LUMAJANG	0204z	25	Oct	2023	5.8m	Threat

NTB LOMBOK-TENGAH	0204z	25	Oct	2023	3.0m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	0205z	25	Oct	2023	3.2m	Threat
NTB LOMBOK-TIMUR S	0205z	25	Oct	2023	2.7m	Threat
JATENG CILACAP	0205z	25	Oct	2023	6.7m	Threat
DIY KULON-PROGO	0205z	25	Oct	2023	9.3m	Threat
JATIM JEMBER	0206z	25	Oct	2023	9.0m	Threat
JATENG KEBUMEN	0206z	25	Oct	2023	6.7m	Threat
DIY BANTUL	0206z	25	Oct	2023	7.3m	Threat
DIY GUNUNG-KIDUL	0206z	25	Oct	2023	11.9m	Threat
JATIM TRENGGALEK	0206z	25	Oct	2023	8.3m	Threat
NTB LOMBOK-BARAT S	0206z	25	Oct	2023	2.9m	Threat
NTT SUMBA B	0207z	25	Oct	2023	2.8m	Threat
BALI TABANAN	0207z	25	Oct	2023	3.6m	Threat
JABAR TASIKMALAYA	0215z	25	Oct	2023	3.8m	Threat
JABAR GARUT	0220z	25	Oct	2023	3.2m	Threat
NTT MANGGARAI-BARAT P.	0220z	25	Oct	2023	2.9m	Threat
NTT SUMBA T	0221z	25	Oct	2023	3.5m	Threat
JABAR CIANJUR SINDANGBARANG	0222z	25	Oct	2023	2.7m	Threat
JABAR SUKABUMI UJUNG-GENTENG	0229z	25	Oct	2023	2.6m	Threat
NTT MANGGARAI-BARAT S	0230z	25	Oct	2023	2.4m	Threat
NTT MANGGARAI S	0239z	25	Oct	2023	1.9m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0240z	25	Oct	2023	3.3m	Threat
BANTEN LEBAK	0243z	25	Oct	2023	2.3m	Threat
BANTEN PANDEGLANG S	0244z	25	Oct	2023	2.3m	Threat
NTT KUPANG	0244z	25	Oct	2023	1.8m	Threat
BANTEN PANDEGLANG P.PANAITAN	0252z	25	Oct	2023	1.6m	Threat
LAMPUNG TANGGAMUS B	0301z	25	Oct	2023	2.4m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0309z	25	Oct	2023	2.5m	Threat
LAMPUNG TANGGAMUS P.TABUAN	0310z	25	Oct	2023	1.6m	Threat
LAMPUNG TANGGAMUS T	0310z	25	Oct	2023	2.2m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0311z	25	Oct	2023	2.3m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	0313z	25	Oct	2023	2.6m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0313z	25	Oct	2023	1.9m	Threat
BANTEN PANDEGLANG U	0315z	25	Oct	2023	1.7m	Threat
LAMPUNG LAMPUNG-SELATAN B	0318z	25	Oct	2023	1.3m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0318z	25	Oct	2023	2.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0321z	25	Oct	2023	2.7m	Threat
NTT ROTENDAO	0322z	25	Oct	2023	1.7m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0326z	25	Oct	2023	1.5m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0327z	25	Oct	2023	2.3m	Threat
NTB BIMA P.GILI	0328z	25	Oct	2023	1.4m	Threat
BENGKULU KAUR	0329z	25	Oct	2023	1.9m	Threat
PANTE MACASSAR	0334z	25	Oct	2023	1.3m	Threat
BENGKULU BENGKULU-SELATAN	0334z	25	Oct	2023	1.2m	Threat
NTT KOTA-KUPANG	0335z	25	Oct	2023	1.7m	Threat
NTT LEMBATA S	0338z	25	Oct	2023	1.2m	Threat
NTT ALOR S	0340z	25	Oct	2023	1.3m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	0342z	25	Oct	2023	1.6m	Threat
BANTEN SERANG B	0345z	25	Oct	2023	1.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0346z	25	Oct	2023	2.2m	Threat
NTT BELU U	0346z	25	Oct	2023	0.9m	Threat
NTT NGADA S	0347z	25	Oct	2023	1.2m	Threat
BENGKULU SELUMA	0352z	25	Oct	2023	2.1m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0354z	25	Oct	2023	3.2m	Threat
NTT ENDE S	0359z	25	Oct	2023	1.3m	Threat
BANTEN KOTA-CILEGON	0359z	25	Oct	2023	2.2m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0402z	25	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	0408z	25	Oct	2023	1.9m	Threat
NTT SIKKA S	0408z	25	Oct	2023	1.0m	Threat

BENGKULU BENGKULU-UTARA U	0411z	25	Oct	2023	1.0m	Threat
NTT FLORES-TIMUR S	0413z	25	Oct	2023	1.6m	Threat
NTT FLORES-TIMUR P.SOLOR	0450z	25	Oct	2023	1.1m	Threat
MUARASIBERUT	0457z	25	Oct	2023	1.5m	Threat
SUMBAR PESISIR-SELATAN S	0505z	25	Oct	2023	0.8m	Threat
SUMBAR KOTA-PADANG U	0524z	25	Oct	2023	0.6m	Threat
SUMBAR PADANG-PARIAMAN U	0525z	25	Oct	2023	0.6m	Threat
SUMBAR AGAM	0543z	25	Oct	2023	0.8m	Threat
SUMBAR KOTA-PARIAMAN	0548z	25	Oct	2023	0.7m	Threat
NIAS-EAST	0552z	25	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	0553z	25	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0607z	25	Oct	2023	1.6m	Threat
BENGKULU MUKOMUKO	0627z	25	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL S	0837z	25	Oct	2023	0.8m	Threat
NTT TIMOR-TENGAH-SELATAN	0910z	25	Oct	2023	0.8m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0912z	25	Oct	2023	1.4m	Threat
NAD ACEH-SELATAN S	0915z	25	Oct	2023	0.7m	Threat
SUMUT MANDAILING-NATAL U	0936z	25	Oct	2023	0.7m	Threat
SUMUT TAPANULI-SELATAN	1051z	25	Oct	2023	0.9m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1056z	25	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	1101z	25	Oct	2023	1.0m	Threat
SUMUT TAPANULI-TENGAH U	1157z	25	Oct	2023	1.0m	Threat
NAD SIMEULUE P.SIMEULUE	1227z	25	Oct	2023	0.8m	Threat
NAD ACEH-BARAT-DAYA	1236z	25	Oct	2023	0.7m	Threat
NAD ACEH-SELATAN U	1238z	25	Oct	2023	0.6m	Threat
SUMUT NIAS B	1254z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.TANABALA	1259z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	1324z	25	Oct	2023	0.7m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1410z	25	Oct	2023	0.6m	Threat
NAD NAGAN-RAYA	1623z	25	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN U	1734z	25	Oct	2023	0.7m	Threat
NIAS	1739z	25	Oct	2023	0.8m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	1908z	25	Oct	2023	0.6m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	1917z	25	Oct	2023	0.7m	Threat
SUMBAR KOTA-PADANG S	1919z	25	Oct	2023	0.6m	Threat
NAD ACEH-JAYA	2202z	25	Oct	2023	0.5m	Threat
NIAS-NORTH	2204z	25	Oct	2023	0.5m	Threat
NAD ACEH-BARAT	2213z	25	Oct	2023	0.8m	Threat
NAD ACEH-BESAR B	2214z	25	Oct	2023	0.5m	Threat
NAD ACEH-SINGKIL	2316z	25	Oct	2023	0.6m	Threat
SOUTH OF BODAHAYIONE	2313z	25	Oct	2023	0.6m	Threat
NAD ACEH-BESAR P.BREUEH	0156z	26	Oct	2023	0.8m	Threat
GUNUNGSITOLI	0215z	26	Oct	2023	0.5m	Threat
SUMBAR PADANG-PARIAMAN S	0245z	26	Oct	2023	0.5m	Threat

KENYA

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MALINDI	2206z	25	Oct	2023	0.8m	Threat
KISIMACHANDE	0120z	26	Oct	2023	0.8m	Threat
MVULENI	0146z	26	Oct	2023	0.6m	Threat
KIPINI	0150z	26	Oct	2023	0.6m	Threat
KIWAYU	0205z	26	Oct	2023	0.5m	Threat

MADAGASCAR

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TOAMASINA AIRPORT	1124z	25	Oct	2023	2.0m	Threat
AMBAHY	1130z	25	Oct	2023	2.6m	Threat
MANANTENINA	1143z	25	Oct	2023	1.2m	Threat
TAMPOLO	1144z	25	Oct	2023	0.8m	Threat

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VOHEMAR	1300z	25 Oct 2023	1.0m	Threat
FARAFAGANA	1329z	25 Oct 2023	1.1m	Threat
SAMPONA	1736z	25 Oct 2023	1.2m	Threat

MALDIVES

KULHUDUFFUSHI	0756z	25 Oct 2023	1.1m	Threat
DHIYAMIGILI	0845z	25 Oct 2023	1.2m	Threat
KOLHUFUSHI	1004z	25 Oct 2023	0.9m	Threat
THINADHOO	1025z	25 Oct 2023	0.8m	Threat
NILANDHOO	1143z	25 Oct 2023	0.9m	Threat
MALE	1150z	25 Oct 2023	1.0m	Threat
FERIDHOO	1501z	25 Oct 2023	1.0m	Threat
GOIDHOO	1644z	25 Oct 2023	0.7m	Threat

MAURITIUS

LA FERME	1124z	25 Oct 2023	0.7m	Threat
GRANDE REVIERE SUD EST-EAST	1129z	25 Oct 2023	0.8m	Threat
CARGADOS CARAJOS	1225z	25 Oct 2023	0.8m	Threat

MOZAMBIQUE

MAGUEMBA	1629z	25 Oct 2023	0.8m	Threat
MALUANA	1937z	25 Oct 2023	0.9m	Threat
TAVARI	2221z	25 Oct 2023	0.7m	Threat
MAPUTO	2249z	25 Oct 2023	0.5m	Threat
ZAVALA	2257z	25 Oct 2023	0.6m	Threat
MOGINCUAL	2331z	25 Oct 2023	0.6m	Threat
OCONE	2344z	25 Oct 2023	0.5m	Threat
INHASSORO	2359z	25 Oct 2023	0.5m	Threat
VILA DO CHINDE	0005z	26 Oct 2023	0.6m	Threat
NOVA LUSITANIA	0019z	26 Oct 2023	0.6m	Threat
MAIONGUE	0056z	26 Oct 2023	0.5m	Threat
XAI-XAI	0226z	26 Oct 2023	0.7m	Threat

MYANMAR

CHEDUBA ISLAND	2216z	25 Oct 2023	0.5m	Threat
MAWYEN	0218z	26 Oct 2023	0.5m	Threat

OMAN

SALALAH	1443z	25 Oct 2023	0.9m	Threat
HASIK	2351z	25 Oct 2023	0.5m	Threat
MIRBAT	0021z	26 Oct 2023	0.5m	Threat
AD DUQM	0141z	26 Oct 2023	0.6m	Threat

SEYCHELLES

FREGATE ISLAND	1354z	25 Oct 2023	0.8m	Threat
TAKAMAKA	1658z	25 Oct 2023	0.7m	Threat

SOMALIA

BANDER-BEYLA	1414z	25 Oct 2023	0.8m	Threat
TOOXIN	1418z	25 Oct 2023	1.2m	Threat
XARARDHEERE	1434z	25 Oct 2023	0.8m	Threat
ABO	1737z	25 Oct 2023	0.5m	Threat

NE BEERNAASI	1745z	25	Oct	2023	0.6m	Threat
GALDOGOB	2100z	25	Oct	2023	0.6m	Threat
CEEL DHEER	2332z	25	Oct	2023	0.5m	Threat
JARIIBAN	2340z	25	Oct	2023	0.6m	Threat
MAREEG	0007z	26	Oct	2023	0.6m	Threat
EYL	0134z	26	Oct	2023	0.6m	Threat

SOUTH AFRICA

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LAKE SIBAYI	1559z	25	Oct	2023	1.0m	Threat
WILLOWVALE	1656z	25	Oct	2023	0.7m	Threat
LUSIKISIKI	1709z	25	Oct	2023	1.1m	Threat
MARSHSTRAND	1718z	25	Oct	2023	1.1m	Threat
KAYSERS BEACH	1721z	25	Oct	2023	0.7m	Threat
MANDI	1732z	25	Oct	2023	0.8m	Threat
FUNK SEAMOUNT	1747z	25	Oct	2023	0.7m	Threat
BIZANA	1802z	25	Oct	2023	0.8m	Threat
PORT ELIZABETH	1813z	25	Oct	2023	1.0m	Threat
ALEXANDRIA	1906z	25	Oct	2023	0.8m	Threat
KOSIMEER	1921z	25	Oct	2023	0.9m	Threat
KENTANI	1925z	25	Oct	2023	0.9m	Threat
MARGATE	1930z	25	Oct	2023	0.5m	Threat
MOSSEL	2029z	25	Oct	2023	1.4m	Threat
PORT DURNFORD	2129z	25	Oct	2023	0.6m	Threat
WITAAND	2218z	25	Oct	2023	0.6m	Threat
BREDASDORP	2229z	25	Oct	2023	0.9m	Threat
PEDDIE	2321z	25	Oct	2023	0.8m	Threat
BATHURST	2343z	25	Oct	2023	0.5m	Threat
ZIKHOVA	0028z	26	Oct	2023	0.5m	Threat
GEORGE	0046z	26	Oct	2023	0.5m	Threat
ABORETUM	0130z	26	Oct	2023	0.6m	Threat
ELLIOTDALE	0138z	26	Oct	2023	0.5m	Threat
HEIDELBERG	0209z	26	Oct	2023	0.7m	Threat

SRI LANKA

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KATTANKUDI	0916z	25	Oct	2023	1.0m	Threat
HAMBANTOTA	0930z	25	Oct	2023	0.9m	Threat
AKKARAI PATTU	0939z	25	Oct	2023	1.3m	Threat
BATTICALOA	0940z	25	Oct	2023	1.1m	Threat
PANKULAM	1014z	25	Oct	2023	0.6m	Threat
MULLAITTIVU	1118z	25	Oct	2023	0.6m	Threat
KIRINDA	1241z	25	Oct	2023	0.8m	Threat
OKANDA	1404z	25	Oct	2023	1.0m	Threat
MORATUWA	1437z	25	Oct	2023	0.6m	Threat
MUSALI	1453z	25	Oct	2023	0.8m	Threat
COLOMBO	1500z	25	Oct	2023	0.8m	Threat
MANNAR ISLAND	1518z	25	Oct	2023	0.7m	Threat
POTTUVIL	1525z	25	Oct	2023	0.8m	Threat
MATARA	1534z	25	Oct	2023	0.6m	Threat
MUNDAL LAKE	1726z	25	Oct	2023	0.7m	Threat
GALLE	1745z	25	Oct	2023	0.7m	Threat
CHAVAKACHCHERI	1805z	25	Oct	2023	0.5m	Threat
TANGALLE	1835z	25	Oct	2023	0.5m	Threat
NEGOMBO	2017z	25	Oct	2023	0.6m	Threat
CHUNDIKKULAM	2047z	25	Oct	2023	0.7m	Threat
BERUWALA	2238z	25	Oct	2023	0.5m	Threat
POINT PEDRO	2304z	25	Oct	2023	0.7m	Threat
AMBALANGODA	2334z	25	Oct	2023	0.6m	Threat

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ANAITIVU	0014z	26 Oct 2023	0.5m	Threat
TANZANIA				
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WEST TO KONDE	1628z	25 Oct 2023	0.8m	Threat
BAGAMOYO	0133z	26 Oct 2023	0.7m	Threat
BOMALANDNI	0142z	26 Oct 2023	0.6m	Threat
VUMBA	0211z	26 Oct 2023	0.6m	Threat
THAILAND				
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THAI MUEANG_TAKUA PA	0032z	26 Oct 2023	0.5m	Threat
TIMOR-LESTE				
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PANTE MACASSAR	0336z	25 Oct 2023	0.9m	Threat
BOBONARO	0449z	25 Oct 2023	1.0m	Threat
LIQUICA	0739z	25 Oct 2023	0.6m	Threat
COVALIMA	1534z	25 Oct 2023	0.6m	Threat
UNITED KINGDOM				
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MORESBY ISLAND	1026z	25 Oct 2023	0.6m	Threat
DIEGO GARCIA	1213z	25 Oct 2023	0.5m	Threat
YEMEN				
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SOCOTRA ISLAND SOUTH	1354z	25 Oct 2023	0.8m	Threat
SOCOTRA ISLAND NORTH	1443z	25 Oct 2023	0.8m	Threat
AL GHAYDAH AIRPORT	1623z	25 Oct 2023	0.9m	Threat
HUSWAYN	1742z	25 Oct 2023	0.9m	Threat
DAMQAWT	1827z	25 Oct 2023	0.8m	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](mailto:tsunami@incois.gov.in)

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

END OF BULLETIN

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

# BULLETIN 14

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#####  
#  
# TEST TEST TEST - IOTWMS IOWAVE EXERCISE - NOT A REAL TSUNAMI EVENT  
#  
#####
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TSUNAMI BULLETIN NUMBER 14 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDIA (ITEWC)  
ISSUED AT 1300 UTC WEDNESDAY 25 OCTOBER 2023  
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... 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: 9.1 Mwp (UPDATED)  
Depth: 10 km  
Date: 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 2. EVALUATION

Sea level observations have confirmed that a TSUNAMI WAS GENERATED.

Maximum wave amplitudes observed so far:

LOCATION	LAT	LON	TIME	DATE	AMPL
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Benoa (INDONESIA)	8.75S	115.22E	0226z	25 Oct 2023	11.7m
Christmas Island (AUSTRALIA)	10.4S	105.67E	0229z	25 Oct 2023	1.1m
DART 56001 (AUSTRALIA)	13.9S	110.00E	0236z	25 Oct 2023	2.2m
Prigi (INDONESIA)	8.28S	111.73E	0236z	25 Oct 2023	9.0m
Waikelo (INDONESIA)	9.39S	119.22E	0247z	25 Oct 2023	5.2m
Eggano (INDONESIA)	5.35S	102.28E	0335z	25 Oct 2023	2.4m
Cocos Island (AUSTRALIA)	12.1S	96.89E	0346z	25 Oct 2023	0.6m
Seblat (INDONESIA)	3.22S	101.60E	0427z	25 Oct 2023	1.6m
Telukdalam (INDONESIA)	0.55N	97.82E	0442z	25 Oct 2023	1.0m
Point Murat (AUSTRALIA)	21.8S	114.19E	0446z	25 Oct 2023	6.8m
Padang (INDONESIA)	1.00S	100.37E	0509z	25 Oct 2023	0.4m
Broome (AUSTRALIA)	18.0S	122.22E	0542z	25 Oct 2023	1.0m
Meulaboh (INDONESIA)	4.13N	96.13E	0603z	25 Oct 2023	0.4m
Sabang (INDONESIA)	5.83N	95.33E	0617z	25 Oct 2023	0.1m
Nancowry (INDIA)	8.05N	93.55E	0637z	25 Oct 2023	0.2m
Portblair (INDIA)	11.6N	92.77E	0710z	25 Oct 2023	0.1m
Gan (MALDIVE ISLANDS)	0.69S	73.15E	0720z	25 Oct 2023	0.8m
Colombo (SRILANKA)	6.95N	79.85E	0731z	25 Oct 2023	0.8m
Hanimaadhoo (MALDIVE ISLANDS)	6.77N	73.17E	0804z	25 Oct 2023	0.7m
Chennai (INDIA)	13.1N	80.30E	0808z	25 Oct 2023	0.5m
Visakhapatnam (INDIA)	17.6N	83.28E	0836z	25 Oct 2023	0.5m
Cochin (INDIA)	9.97N	76.27E	0919z	25 Oct 2023	0.2m
Sittwe (MYANMAR)	20.1N	92.90E	0921z	25 Oct 2023	0.1m

Pt.Louis (MAURITIUS)	20.1S	57.50E	0949z	25 Oct 2023	1.0m
Agalega (MAURITIUS)	10.3S	56.59E	1001z	25 Oct 2023	0.3m
Darwin (AUSTRALIA)	12.4S	130.85E	1034z	25 Oct 2023	0.3m
Thevenard (AUSTRALIA)	32.1S	133.64E	1040z	25 Oct 2023	0.2m
DART 55015 (AUSTRALIA)	46.9S	160.34E	1110z	25 Oct 2023	0.02m
Masirah (OMAN)	20.6N	58.87E	1122z	25 Oct 2023	0.1m
Chabahar (IRAN)	25.3N	60.60E	1233z	25 Oct 2023	0.1m
Lamu (KENYA)	2.27S	40.90E	1253z	25 Oct 2023	0.1m
Karachi (PAKISTAN)	24.8N	66.97E	1254z	25 Oct 2023	0.1m

### 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

CHRISTMAS ISLAND	0229z	25 Oct 2023	0.9m	Threat
NINGALOO COAST	0415z	25 Oct 2023	8.4m	Threat
PILBARA COAST WEST	0421z	25 Oct 2023	4.5m	Threat
WEST KIMBERLY COAST	0439z	25 Oct 2023	2.4m	Threat
PILBARA COAST EAST	0444z	25 Oct 2023	4.0m	Threat
GASCOYNE COAST	0504z	25 Oct 2023	3.2m	Threat
NORTH KIMBERLY COAST	0515z	25 Oct 2023	1.8m	Threat
GERALDTON COAST	0522z	25 Oct 2023	2.4m	Threat
LANCELIN COAST	0554z	25 Oct 2023	1.2m	Threat
PERTH COAST	0559z	25 Oct 2023	1.5m	Threat
BUNBURY GEOGRAPHE COAST	0621z	25 Oct 2023	1.6m	Threat
LEEUVIN COAST	0624z	25 Oct 2023	1.2m	Threat
ASHMORE REEF	0940z	25 Oct 2023	0.8m	Threat
BEAGLE BONAPARTE COAST	0958z	25 Oct 2023	1.0m	Threat
HEARD ISLAND AND MCDONALD ISLANDS	1145z	25 Oct 2023	2.1m	Threat
AURORA BANK	1235z	25 Oct 2023	0.9m	Threat
ALBANY COAST	1456z	25 Oct 2023	0.8m	Threat
NORTH TIWI COAST	1916z	25 Oct 2023	0.8m	Threat
ESPERENCE COAST	2229z	25 Oct 2023	0.6m	Threat
EUCLA COAST	0112z	26 Oct 2023	0.5m	Threat
ARAFURA COAST	0211z	26 Oct 2023	0.7m	Threat
SOUTH CENTRAL COAST SA	0240z	26 Oct 2023	0.6m	Threat

#### FRANCE

LLE SAINT-PAUL-SOUTH	0929z	25 Oct 2023	0.7m	Threat
SAINT - JOSEPH	1112z	25 Oct 2023	0.6m	Threat
ILE KERGUELEN	1120z	25 Oct 2023	2.2m	Threat
CROZET PLATEAU	1237z	25 Oct 2023	0.8m	Threat
ILE DE LA POSSESSION	1315z	25 Oct 2023	1.1m	Threat
NES CROZET	1549z	25 Oct 2023	0.5m	Threat
LLE SAINT-PAUL-NORTH	1707z	25 Oct 2023	0.5m	Threat

#### INDIA

MAHABALIPURAM	1003z	25 Oct 2023	0.9m	Threat
MACHILIPATNAM	1042z	25 Oct 2023	0.8m	Threat

KOTTAPATNAM	1054z	25 Oct 2023	1.2m	Threat
ENNORE	1059z	25 Oct 2023	1.4m	Threat
NIJAMPATTANAM	1101z	25 Oct 2023	1.2m	Threat
KAKINADA	1104z	25 Oct 2023	0.7m	Threat
VISAKHAPATNAM	1105z	25 Oct 2023	0.8m	Threat
KANYAKUMARI	1107z	25 Oct 2023	1.0m	Threat
TUTICORIN	1115z	25 Oct 2023	1.0m	Threat
RAMESWARAM	1120z	25 Oct 2023	1.1m	Threat
KOODANKULAM	1120z	25 Oct 2023	0.9m	Threat
ALLEPPEY ALAPPUZHA	1150z	25 Oct 2023	0.7m	Threat
SRIHARIKOTA	1426z	25 Oct 2023	1.0m	Threat
AGATTI	1447z	25 Oct 2023	0.6m	Threat
COCHIN	1458z	25 Oct 2023	0.6m	Threat
KARAIKAL	1505z	25 Oct 2023	0.7m	Threat
CHENNAI	1513z	25 Oct 2023	1.1m	Threat
JAMBOO	1546z	25 Oct 2023	0.8m	Threat
PUDUCHERRY	1555z	25 Oct 2023	0.6m	Threat
KANNUR	1613z	25 Oct 2023	0.6m	Threat
BEYPORE	1623z	25 Oct 2023	0.6m	Threat
VAKKAD	1644z	25 Oct 2023	0.5m	Threat
QUILON	1647z	25 Oct 2023	0.5m	Threat
KOMATRA & KATCHAL ISLAND	1720z	25 Oct 2023	0.8m	Threat
INDIRA POINT	1726z	25 Oct 2023	0.6m	Threat
CAR NICOBAR	1735z	25 Oct 2023	0.6m	Threat
POOMBUHAR	1753z	25 Oct 2023	0.6m	Threat
KOTTTAIPPATTANAM	1757z	25 Oct 2023	0.8m	Threat
PERUPALEM	1831z	25 Oct 2023	0.7m	Threat
DHAMRA	1848z	25 Oct 2023	0.7m	Threat
DIGHA	1904z	25 Oct 2023	0.5m	Threat
NAGAPATTINAM	1933z	25 Oct 2023	0.7m	Threat
MAHE	1934z	25 Oct 2023	0.5m	Threat
NORTH SENTINEL ISLAND	1937z	25 Oct 2023	0.9m	Threat
LITTLE ANDAMAN	1937z	25 Oct 2023	0.7m	Threat
KALINGAPATNAM	1946z	25 Oct 2023	0.8m	Threat
CUDDALORE	2004z	25 Oct 2023	0.6m	Threat
MARAKKANAM	2006z	25 Oct 2023	0.7m	Threat
PURI	2048z	25 Oct 2023	0.8m	Threat
PORT BLAIR	2107z	25 Oct 2023	0.9m	Threat
VADANAPPALLY	2250z	25 Oct 2023	0.6m	Threat
MUTHUPET	2331z	25 Oct 2023	0.6m	Threat
MALLIPATTINAM	2342z	25 Oct 2023	0.6m	Threat
KONADA	2352z	25 Oct 2023	0.8m	Threat
WEST & LANDFALL ISLAND	0057z	26 Oct 2023	0.5m	Threat
GOPALPUR	0235z	26 Oct 2023	0.8m	Threat
INDONESIA				
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BALI BADUNG PANTAI-KUTA	0202z	25 Oct 2023	4.4m	Threat
BALI DENPASAR PANTAI-SANUR	0202z	25 Oct 2023	5.0m	Threat
JATENG PURWOREJO	0202z	25 Oct 2023	8.8m	Threat
JATIM TULUNGAGUNG	0202z	25 Oct 2023	7.6m	Threat
JATIM BANYUWANGI S	0203z	25 Oct 2023	4.9m	Threat
NTB KOTA-BIMA S	0203z	25 Oct 2023	3.3m	Threat
NTB SUMBAWA S	0203z	25 Oct 2023	3.5m	Threat
JATIM MALANG	0203z	25 Oct 2023	8.0m	Threat
JATIM JEMBER P.NUSABARUNG	0203z	25 Oct 2023	6.9m	Threat
NTB DOMPU S	0204z	25 Oct 2023	1.5m	Threat
NTB SUMBAWA B	0204z	25 Oct 2023	4.2m	Threat
JABAR CIAMIS	0204z	25 Oct 2023	5.8m	Threat

JATENG WONOGIRI	0204z	25 Oct 2023	9.2m	Threat
JATIM PACITAN	0204z	25 Oct 2023	8.9m	Threat
JATIM BLITAR	0204z	25 Oct 2023	8.8m	Threat
JATIM LUMAJANG	0204z	25 Oct 2023	5.8m	Threat
NTB LOMBOK-TENGAH	0204z	25 Oct 2023	3.0m	Threat
BALI KLUNGKUNG P.NUSAPENIDA	0205z	25 Oct 2023	3.2m	Threat
NTB LOMBOK-TIMUR S	0205z	25 Oct 2023	2.7m	Threat
JATENG CILACAP	0205z	25 Oct 2023	6.7m	Threat
DIY KULON-PROGO	0205z	25 Oct 2023	9.3m	Threat
JATIM JEMBER	0206z	25 Oct 2023	9.0m	Threat
JATENG KEBUMEN	0206z	25 Oct 2023	6.7m	Threat
DIY BANTUL	0206z	25 Oct 2023	7.3m	Threat
DIY GUNUNG-KIDUL	0206z	25 Oct 2023	11.9m	Threat
JATIM TRENGGALEK	0206z	25 Oct 2023	8.3m	Threat
NTB LOMBOK-BARAT S	0206z	25 Oct 2023	2.9m	Threat
NTT SUMBA B	0207z	25 Oct 2023	2.8m	Threat
BALI TABANAN	0207z	25 Oct 2023	3.6m	Threat
JABAR TASIKMALAYA	0215z	25 Oct 2023	3.8m	Threat
JABAR GARUT	0220z	25 Oct 2023	3.2m	Threat
NTT MANGGARAI-BARAT P.	0220z	25 Oct 2023	2.9m	Threat
NTT SUMBA T	0221z	25 Oct 2023	3.5m	Threat
JABAR CIANJUR SINDANGBARANG	0222z	25 Oct 2023	2.7m	Threat
JABAR SUKABUMI UJUNG-GENTENG	0229z	25 Oct 2023	2.6m	Threat
NTT MANGGARAI-BARAT S	0230z	25 Oct 2023	2.4m	Threat
NTT MANGGARAI S	0239z	25 Oct 2023	1.9m	Threat
JABAR SUKABUMI PELABUHAN-RATU	0240z	25 Oct 2023	3.3m	Threat
BANTEN LEBAK	0243z	25 Oct 2023	2.3m	Threat
BANTEN PANDEGLANG S	0244z	25 Oct 2023	2.3m	Threat
NTT KUPANG	0244z	25 Oct 2023	1.8m	Threat
BANTEN PANDEGLANG P.PANAITAN	0252z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS B	0301z	25 Oct 2023	2.4m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0309z	25 Oct 2023	2.5m	Threat
LAMPUNG TANGGAMUS P.TABUAN	0310z	25 Oct 2023	1.6m	Threat
LAMPUNG TANGGAMUS T	0310z	25 Oct 2023	2.2m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.KRAKATAU	0311z	25 Oct 2023	2.3m	Threat
LAMPUNG LAMPUNG-SELATAN KALIANDA	0313z	25 Oct 2023	2.6m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.LEGUNDI	0313z	25 Oct 2023	1.9m	Threat
BANTEN PANDEGLANG U	0315z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-SELATAN B	0318z	25 Oct 2023	1.3m	Threat
LAMPUNG LAMPUNG-SELATAN KEP.SEBUKU	0318z	25 Oct 2023	2.9m	Threat
BENGKULU BENGKULU-UTARA P.ENGGANO	0321z	25 Oct 2023	2.7m	Threat
NTT ROTENDAO	0322z	25 Oct 2023	1.7m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0326z	25 Oct 2023	1.5m	Threat
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0327z	25 Oct 2023	2.3m	Threat
NTB BIMA P.GILI	0328z	25 Oct 2023	1.4m	Threat
BENGKULU KAUR	0329z	25 Oct 2023	1.9m	Threat
PANTE MACASSAR	0334z	25 Oct 2023	1.3m	Threat
BENGKULU BENGKULU-SELATAN	0334z	25 Oct 2023	1.2m	Threat
NTT KOTA-KUPANG	0335z	25 Oct 2023	1.7m	Threat
NTT LEMBATA S	0338z	25 Oct 2023	1.2m	Threat
NTT ALOR S	0340z	25 Oct 2023	1.3m	Threat
BANTEN KOTA-CILEGON P.SANGIANG	0342z	25 Oct 2023	1.6m	Threat
BANTEN SERANG B	0345z	25 Oct 2023	1.9m	Threat
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0346z	25 Oct 2023	2.2m	Threat
NTT BELU U	0346z	25 Oct 2023	0.9m	Threat
NTT NGADA S	0347z	25 Oct 2023	1.2m	Threat
BENGKULU SELUMA	0352z	25 Oct 2023	2.1m	Threat
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI-PANJ*	0354z	25 Oct 2023	3.2m	Threat
NTT ENDE S	0359z	25 Oct 2023	1.3m	Threat

BANTEN KOTA-CILEGON	0359z	25	Oct	2023	2.2m	Threat
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0402z	25	Oct	2023	1.4m	Threat
BENGKULU BENGKULU-UTARA S	0408z	25	Oct	2023	1.9m	Threat
NTT SIKKA S	0408z	25	Oct	2023	1.0m	Threat
BENGKULU BENGKULU-UTARA U	0411z	25	Oct	2023	1.0m	Threat
NTT FLORES-TIMUR S	0413z	25	Oct	2023	1.6m	Threat
NTT FLORES-TIMUR P.SOLOR	0450z	25	Oct	2023	1.1m	Threat
MUARASIBERUT	0457z	25	Oct	2023	1.5m	Threat
SUMBAR PESISIR-SELATAN S	0505z	25	Oct	2023	0.8m	Threat
SUMBAR KOTA-PADANG U	0524z	25	Oct	2023	0.6m	Threat
SUMBAR PADANG-PARIAMAN U	0525z	25	Oct	2023	0.6m	Threat
SUMBAR AGAM	0543z	25	Oct	2023	0.8m	Threat
SUMBAR KOTA-PARIAMAN	0548z	25	Oct	2023	0.7m	Threat
NIAS-EAST	0552z	25	Oct	2023	0.9m	Threat
SUMBAR KOTA-PADANG U	0553z	25	Oct	2023	1.2m	Threat
SUMBAR KEPULAUAN-MENTAWAI KEP.PAGAI	0607z	25	Oct	2023	1.6m	Threat
BENGKULU MUKOMUKO	0627z	25	Oct	2023	1.1m	Threat
SUMUT MANDAILING-NATAL S	0837z	25	Oct	2023	0.8m	Threat
NTT TIMOR-TENGAH-SELATAN	0910z	25	Oct	2023	0.8m	Threat
SUMUT TAPANULI-TENGAH KEP.MURSALA	0912z	25	Oct	2023	1.4m	Threat
NAD ACEH-SELATAN S	0915z	25	Oct	2023	0.7m	Threat
SUMUT MANDAILING-NATAL U	0936z	25	Oct	2023	0.7m	Threat
SUMUT TAPANULI-SELATAN	1051z	25	Oct	2023	0.9m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIBERUT	1056z	25	Oct	2023	0.9m	Threat
SUMUT TAPANULI-TENGAH S	1101z	25	Oct	2023	1.0m	Threat
SUMUT TAPANULI-TENGAH U	1157z	25	Oct	2023	1.0m	Threat
NAD SIMEULUE P.SIMEULUE	1227z	25	Oct	2023	0.8m	Threat
NAD ACEH-BARAT-DAYA	1236z	25	Oct	2023	0.7m	Threat
NAD ACEH-SELATAN U	1238z	25	Oct	2023	0.6m	Threat
SUMUT NIAS B	1254z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.TANABALA	1259z	25	Oct	2023	0.8m	Threat
SUMUT NIAS-SELATAN P.NIAS	1324z	25	Oct	2023	0.7m	Threat
SUMBAR KEPULAUAN-MENTAWAI P.SIPORA	1410z	25	Oct	2023	0.6m	Threat
NAD NAGAN-RAYA	1623z	25	Oct	2023	0.7m	Threat
SUMBAR PESISIR-SELATAN U	1734z	25	Oct	2023	0.7m	Threat
NIAS	1739z	25	Oct	2023	0.8m	Threat
NAD ACEH-SINGKIL KEP.BANYAK	1908z	25	Oct	2023	0.6m	Threat
SUMUT NIAS-SELATAN P.TANAHMASA	1917z	25	Oct	2023	0.7m	Threat
SUMBAR KOTA-PADANG S	1919z	25	Oct	2023	0.6m	Threat
NAD ACEH-JAYA	2202z	25	Oct	2023	0.5m	Threat
NIAS-NORTH	2204z	25	Oct	2023	0.5m	Threat
NAD ACEH-BARAT	2213z	25	Oct	2023	0.8m	Threat
NAD ACEH-BESAR B	2214z	25	Oct	2023	0.5m	Threat
NAD ACEH-SINGKIL	2316z	25	Oct	2023	0.6m	Threat
SOUTH OF BODAHAYIONE	2313z	25	Oct	2023	0.6m	Threat
NAD ACEH-BESAR P.BREUEH	0156z	26	Oct	2023	0.8m	Threat
GUNUNGSITOLI	0215z	26	Oct	2023	0.5m	Threat
SUMBAR PADANG-PARIAMAN S	0245z	26	Oct	2023	0.5m	Threat
KENYA						
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MALINDI	2206z	25	Oct	2023	0.8m	Threat
KISIMACHANDE	0120z	26	Oct	2023	0.8m	Threat
MVULENI	0146z	26	Oct	2023	0.6m	Threat
KIPINI	0150z	26	Oct	2023	0.6m	Threat
KIWAYU	0205z	26	Oct	2023	0.5m	Threat
MADAGASCAR						
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TOAMASINA AIRPORT	1124z	25	Oct	2023	2.0m	Threat
AMBAHY	1130z	25	Oct	2023	2.6m	Threat
MANANTENINA	1143z	25	Oct	2023	1.2m	Threat
TAMPOLO	1144z	25	Oct	2023	0.8m	Threat
VOHEMAR	1300z	25	Oct	2023	1.0m	Threat
FARAFAGANA	1329z	25	Oct	2023	1.1m	Threat
SAMPONA	1736z	25	Oct	2023	1.2m	Threat

MALDIVES

KULHUDUFFUSHI	0756z	25	Oct	2023	1.1m	Threat
DHIYAMIGILI	0845z	25	Oct	2023	1.2m	Threat
KOLHUFUSHI	1004z	25	Oct	2023	0.9m	Threat
THINADHOO	1025z	25	Oct	2023	0.8m	Threat
NILANDHOO	1143z	25	Oct	2023	0.9m	Threat
MALE	1150z	25	Oct	2023	1.0m	Threat
FERIDHOO	1501z	25	Oct	2023	1.0m	Threat
GOIDHOO	1644z	25	Oct	2023	0.7m	Threat

MAURITIUS

LA FERME	1124z	25	Oct	2023	0.7m	Threat
GRANDE REVIERE SUD EST-EAST	1129z	25	Oct	2023	0.8m	Threat
CARGADOS CARAJOS	1225z	25	Oct	2023	0.8m	Threat

MOZAMBIQUE

MAGUEMBA	1629z	25	Oct	2023	0.8m	Threat
MALUANA	1937z	25	Oct	2023	0.9m	Threat
TAVARI	2221z	25	Oct	2023	0.7m	Threat
MAPUTO	2249z	25	Oct	2023	0.5m	Threat
ZAVALA	2257z	25	Oct	2023	0.6m	Threat
MOGINCUAL	2331z	25	Oct	2023	0.6m	Threat
OCONE	2344z	25	Oct	2023	0.5m	Threat
INHASSORO	2359z	25	Oct	2023	0.5m	Threat
VILA DO CHINDE	0005z	26	Oct	2023	0.6m	Threat
NOVA LUSITANIA	0019z	26	Oct	2023	0.6m	Threat
MAIONGUE	0056z	26	Oct	2023	0.5m	Threat
XAI-XAI	0226z	26	Oct	2023	0.7m	Threat

MYANMAR

CHEDUBA ISLAND	2216z	25	Oct	2023	0.5m	Threat
MAWYEN	0218z	26	Oct	2023	0.5m	Threat

OMAN

SALALAH	1443z	25	Oct	2023	0.9m	Threat
HASIK	2351z	25	Oct	2023	0.5m	Threat
MIRBAT	0021z	26	Oct	2023	0.5m	Threat
AD DUQM	0141z	26	Oct	2023	0.6m	Threat

SEYCHELLES

FREGATE ISLAND	1354z	25	Oct	2023	0.8m	Threat
TAKAMAKA	1658z	25	Oct	2023	0.7m	Threat

SOMALIA

BANDER-BEYLA	1414z	25	Oct	2023	0.8m	Threat
TOOXIN	1418z	25	Oct	2023	1.2m	Threat
XARARDHEERE	1434z	25	Oct	2023	0.8m	Threat
ABO	1737z	25	Oct	2023	0.5m	Threat
NE BEERNAASI	1745z	25	Oct	2023	0.6m	Threat
GALDOGOB	2100z	25	Oct	2023	0.6m	Threat
CEEL DHEER	2332z	25	Oct	2023	0.5m	Threat
JARIIBAN	2340z	25	Oct	2023	0.6m	Threat
MAREEG	0007z	26	Oct	2023	0.6m	Threat
EYL	0134z	26	Oct	2023	0.6m	Threat

SOUTH AFRICA

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LAKE SIBAYI	1559z	25	Oct	2023	1.0m	Threat
WILLOWVALE	1656z	25	Oct	2023	0.7m	Threat
LUSIKISIKI	1709z	25	Oct	2023	1.1m	Threat
MARSHSTRAND	1718z	25	Oct	2023	1.1m	Threat
KAYSERS BEACH	1721z	25	Oct	2023	0.7m	Threat
MANDI	1732z	25	Oct	2023	0.8m	Threat
FUNK SEAMOUNT	1747z	25	Oct	2023	0.7m	Threat
BIZANA	1802z	25	Oct	2023	0.8m	Threat
PORT ELIZABETH	1813z	25	Oct	2023	1.0m	Threat
ALEXANDRIA	1906z	25	Oct	2023	0.8m	Threat
KOSIMEER	1921z	25	Oct	2023	0.9m	Threat
KENTANI	1925z	25	Oct	2023	0.9m	Threat
MARGATE	1930z	25	Oct	2023	0.5m	Threat
MOSSEL	2029z	25	Oct	2023	1.4m	Threat
PORT DURNFORD	2129z	25	Oct	2023	0.6m	Threat
WITAAND	2218z	25	Oct	2023	0.6m	Threat
BREDASDORP	2229z	25	Oct	2023	0.9m	Threat
PEDDIE	2321z	25	Oct	2023	0.8m	Threat
BATHURST	2343z	25	Oct	2023	0.5m	Threat
ZIKHOVA	0028z	26	Oct	2023	0.5m	Threat
GEORGE	0046z	26	Oct	2023	0.5m	Threat
ABORETUM	0130z	26	Oct	2023	0.6m	Threat
ELLIOTDALE	0138z	26	Oct	2023	0.5m	Threat
HEIDELBERG	0209z	26	Oct	2023	0.7m	Threat

SRI LANKA

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KATTANKUDI	0916z	25	Oct	2023	1.0m	Threat
HAMBANTOTA	0930z	25	Oct	2023	0.9m	Threat
AKKARAIATTU	0939z	25	Oct	2023	1.3m	Threat
BATTICALOA	0940z	25	Oct	2023	1.1m	Threat
PANKULAM	1014z	25	Oct	2023	0.6m	Threat
MULLAITTIVU	1118z	25	Oct	2023	0.6m	Threat
KIRINDA	1241z	25	Oct	2023	0.8m	Threat
OKANDA	1404z	25	Oct	2023	1.0m	Threat
MORATUWA	1437z	25	Oct	2023	0.6m	Threat
MUSALI	1453z	25	Oct	2023	0.8m	Threat
COLOMBO	1500z	25	Oct	2023	0.8m	Threat
MANNAR ISLAND	1518z	25	Oct	2023	0.7m	Threat
POTTUVIL	1525z	25	Oct	2023	0.8m	Threat
MATARA	1534z	25	Oct	2023	0.6m	Threat
MUNDAL LAKE	1726z	25	Oct	2023	0.7m	Threat
GALLE	1745z	25	Oct	2023	0.7m	Threat
CHAVAKACHCHERI	1805z	25	Oct	2023	0.5m	Threat
TANGALLE	1835z	25	Oct	2023	0.5m	Threat
NEGOMBO	2017z	25	Oct	2023	0.6m	Threat



CHUNDIKKULAM	2047z	25 Oct 2023	0.7m	Threat
BERUWALA	2238z	25 Oct 2023	0.5m	Threat
POINT PEDRO	2304z	25 Oct 2023	0.7m	Threat
AMBALANGODA	2334z	25 Oct 2023	0.6m	Threat
ANAITIVU	0014z	26 Oct 2023	0.5m	Threat
TANZANIA				
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WEST TO KONDE	1628z	25 Oct 2023	0.8m	Threat
BAGAMOYO	0133z	26 Oct 2023	0.7m	Threat
BOMALANDNI	0142z	26 Oct 2023	0.6m	Threat
VUMBA	0211z	26 Oct 2023	0.6m	Threat
THAILAND				
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THAI MUEANG_TAKUA PA	0032z	26 Oct 2023	0.5m	Threat
TIMOR-LESTE				
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PANTE MACASSAR	0336z	25 Oct 2023	0.9m	Threat
BOBONARO	0449z	25 Oct 2023	1.0m	Threat
LIQUICA	0739z	25 Oct 2023	0.6m	Threat
COVALIMA	1534z	25 Oct 2023	0.6m	Threat
UNITED KINGDOM				
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MORESBY ISLAND	1026z	25 Oct 2023	0.6m	Threat
DIEGO GARCIA	1213z	25 Oct 2023	0.5m	Threat
YEMEN				
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SOCOTRA ISLAND SOUTH	1354z	25 Oct 2023	0.8m	Threat
SOCOTRA ISLAND NORTH	1443z	25 Oct 2023	0.8m	Threat
AL GHAYDAH AIRPORT	1623z	25 Oct 2023	0.9m	Threat
HUSWAYN	1742z	25 Oct 2023	0.9m	Threat
DAMQAWT	1827z	25 Oct 2023	0.8m	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](mailto:tsunami@incois.gov.in)  
Web: [www.incois.gov.in](http://www.incois.gov.in)  
END OF BULLETIN

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

# BULLETIN 15

```
#####  
#  
# TEST TEST TEST - 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 1400 UTC WEDNESDAY 25 OCTOBER 2023  
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... 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: 9.1 Mwp (UPDATED)  
Depth: 10 km  
Date: 25 Oct 2023  
Origin Time: 0300  
Latitude: 10.40S  
Longitude: 112.80E  
Location: SOUTH OF JAVA, INDONESIA

## 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
-----	-----	-----	-----	-----	-----
Benoa (INDONESIA)	8.75S	115.22E	0226z	25 Oct 2023	11.7m
Christmas Island (AUSTRALIA)	10.4S	105.67E	0229z	25 Oct 2023	1.1m
DART 56001 (AUSTRALIA)	13.9S	110.00E	0236z	25 Oct 2023	2.2m
Prigi (INDONESIA)	8.28S	111.73E	0236z	25 Oct 2023	9.0m
Waikelo (INDONESIA)	9.39S	119.22E	0247z	25 Oct 2023	5.2m
Enggano (INDONESIA)	5.35S	102.28E	0335z	25 Oct 2023	2.4m
Cocos Island (AUSTRALIA)	12.1S	96.89E	0346z	25 Oct 2023	0.6m
Seblat (INDONESIA)	3.22S	101.60E	0427z	25 Oct 2023	1.6m
Telukdalam (INDONESIA)	0.55N	97.82E	0442z	25 Oct 2023	1.0m
Point Murat (AUSTRALIA)	21.8S	114.19E	0446z	25 Oct 2023	6.8m
Padang (INDONESIA)	1.00S	100.37E	0509z	25 Oct 2023	0.4m
Broome (AUSTRALIA)	18.0S	122.22E	0542z	25 Oct 2023	1.0m
Meulaboh (INDONESIA)	4.13N	96.13E	0603z	25 Oct 2023	0.4m
Sabang (INDONESIA)	5.83N	95.33E	0617z	25 Oct 2023	0.1m
Nancowry (INDIA)	8.05N	93.55E	0637z	25 Oct 2023	0.2m
Portblair (INDIA)	11.6N	92.77E	0710z	25 Oct 2023	0.1m

Gan (MALDIVE ISLANDS)	0.69S	73.15E	0720z	25 Oct 2023	0.8m
Colombo (SRILANKA)	6.95N	79.85E	0731z	25 Oct 2023	0.8m
Hanimaadhoo (MALDIVE ISLANDS)	6.77N	73.17E	0804z	25 Oct 2023	0.7m
Chennai (INDIA)	13.1N	80.30E	0808z	25 Oct 2023	0.5m
Visakhapatnam (INDIA)	17.6N	83.28E	0836z	25 Oct 2023	0.5m
Cochin (INDIA)	9.97N	76.27E	0919z	25 Oct 2023	0.2m
Sittwe (MYANMAR)	20.1N	92.90E	0921z	25 Oct 2023	0.1m
Pt.Louis (MAURITIUS)	20.1S	57.50E	0949z	25 Oct 2023	1.0m
Agalega (MAURITIUS)	10.3S	56.59E	1001z	25 Oct 2023	0.3m
Darwin (AUSTRALIA)	12.4S	130.85E	1034z	25 Oct 2023	0.3m
Thevenard (AUSTRALIA)	32.1S	133.64E	1040z	25 Oct 2023	0.2m
DART 55015 (AUSTRALIA)	46.9S	160.34E	1110z	25 Oct 2023	0.02m
Masirah (OMAN)	20.6N	58.87E	1122z	25 Oct 2023	0.1m
Chabahar (IRAN)	25.3N	60.60E	1233z	25 Oct 2023	0.1m
Lamu (KENYA)	2.27S	40.90E	1253z	25 Oct 2023	0.1m
Karachi (PAKISTAN)	24.8N	66.97E	1254z	25 Oct 2023	0.1m
Muscat (OMAN)	23.6N	58.57E	1304z	25 Oct 2023	0.1m
Mombasa (KENYA)	4.07S	39.65E	1332z	25 Oct 2023	0.1m
Dzaoudzi (FRANCE)	12.7S	45.26E	1347z	25 Oct 2023	0.09m

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](mailto:tsunami@incois.gov.in)  
Web: [www.incois.gov.in](http://www.incois.gov.in)  
END OF BULLETIN

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

## 5. TSP INDONESIA MAPS

### M 8.5

Figure S1-20. Threat Map

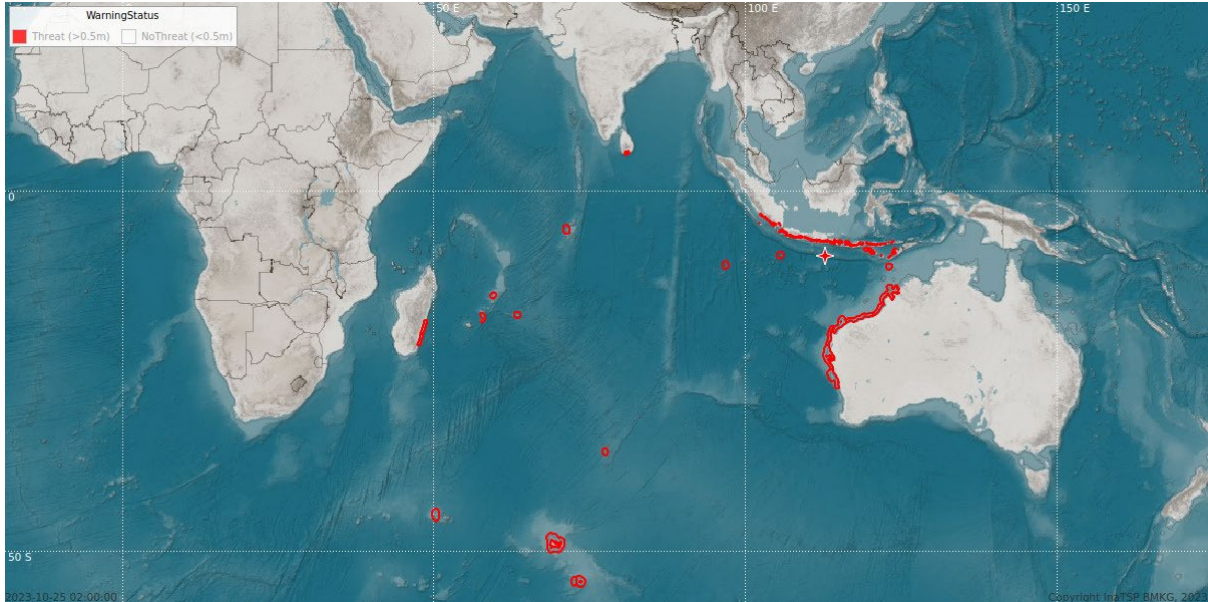


Figure S1-21. Travel Time Map

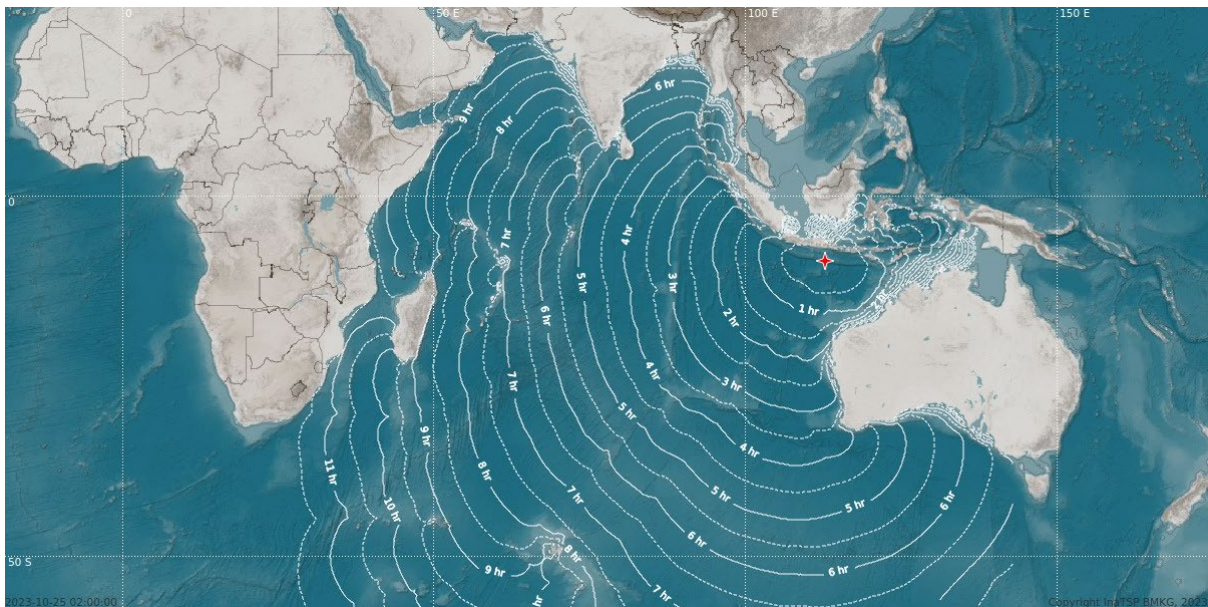
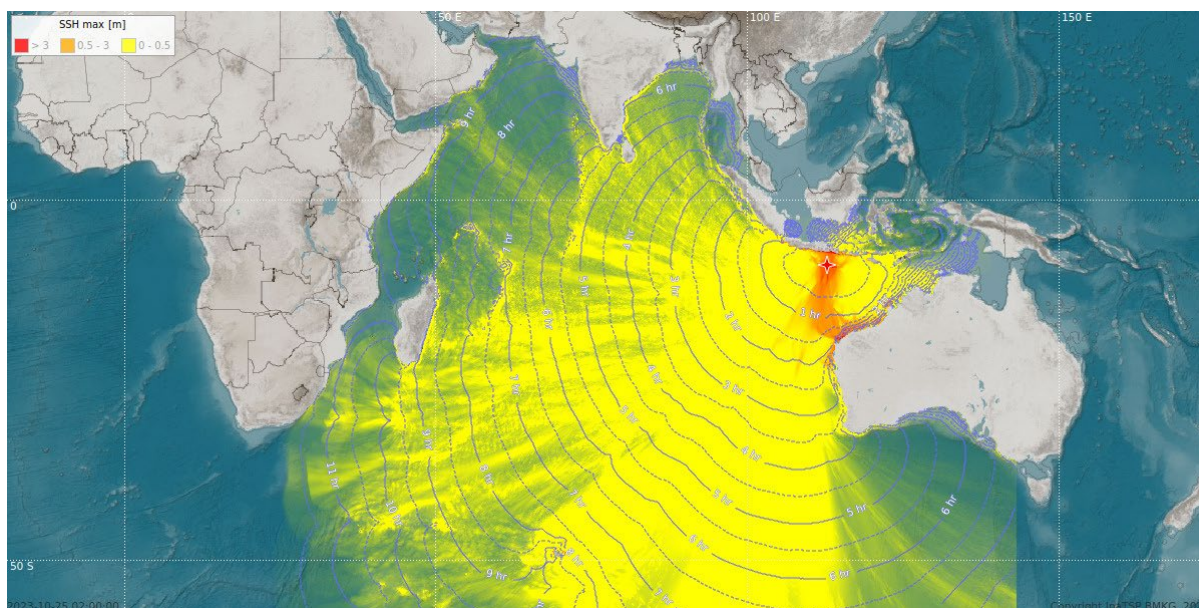


Figure S1-22. Wave Amplitude Map



**M 8.9**

Figure S1-23. Threat Map

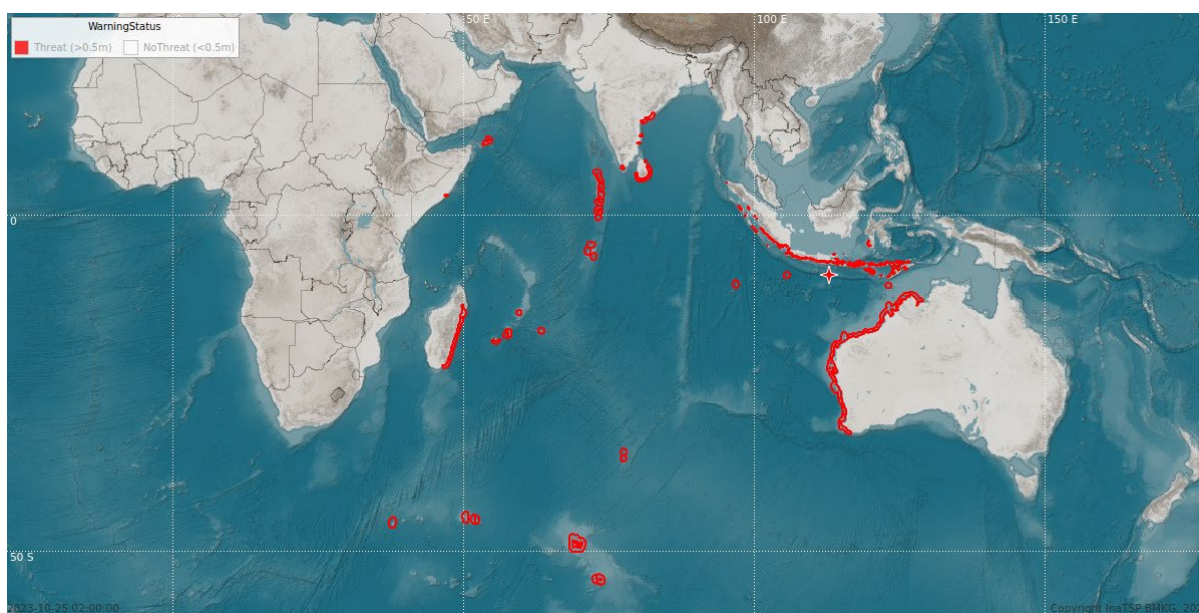


Figure S1-24. Travel Time Map

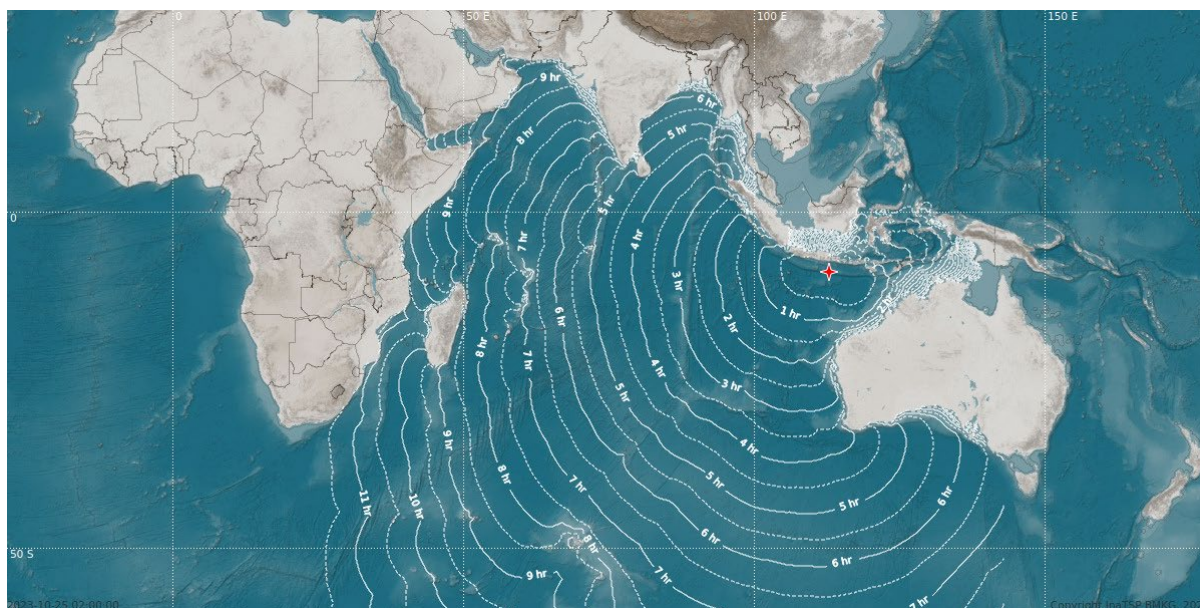
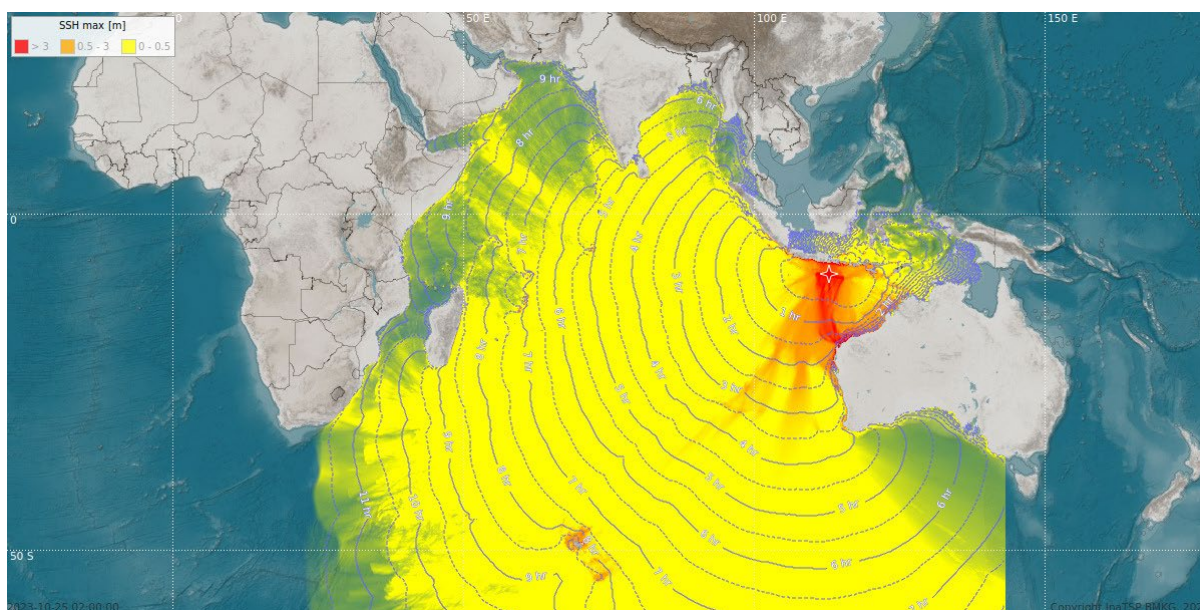
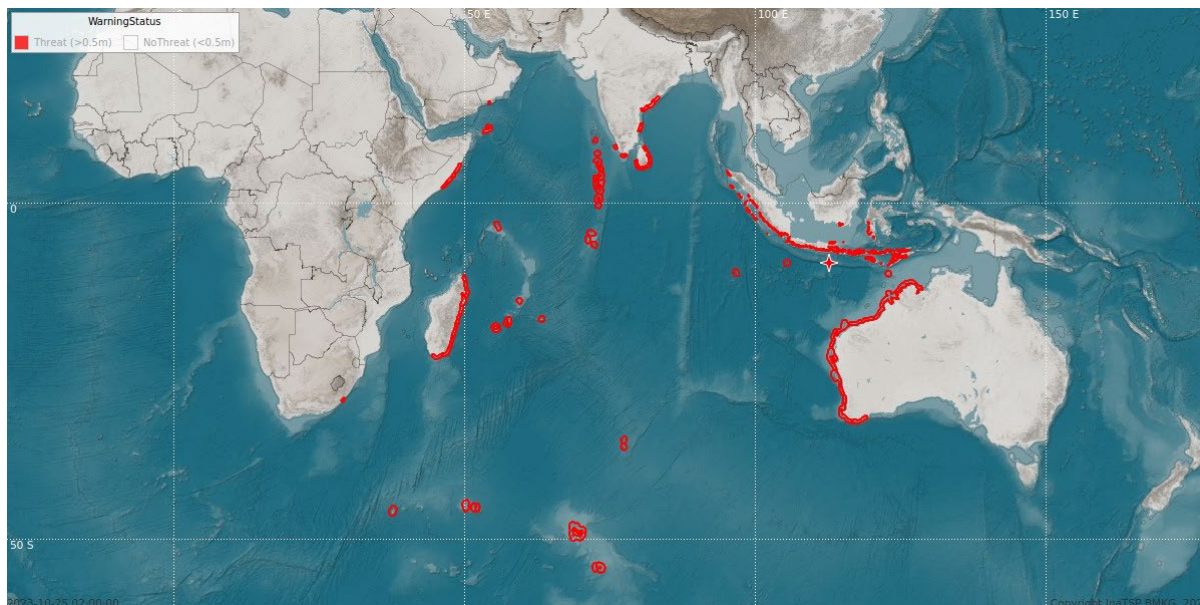


Figure S1-25. Wave Amplitude Map



**M 9.0**

**Figure S1-26. Threat Map**



**Figure S1-27. Travel Time Map**

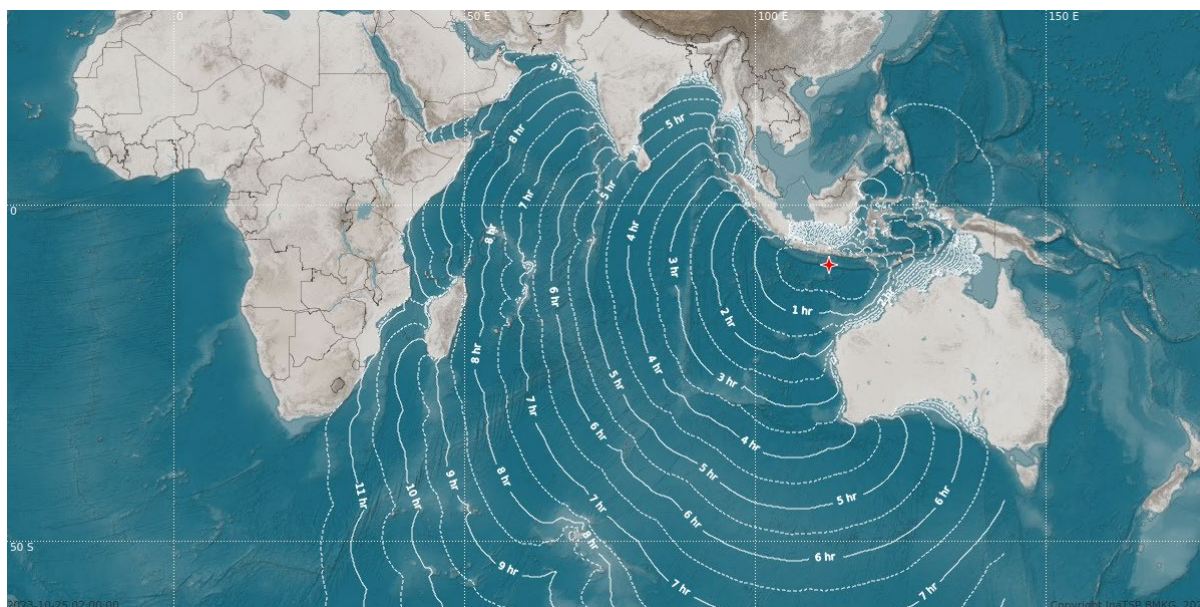
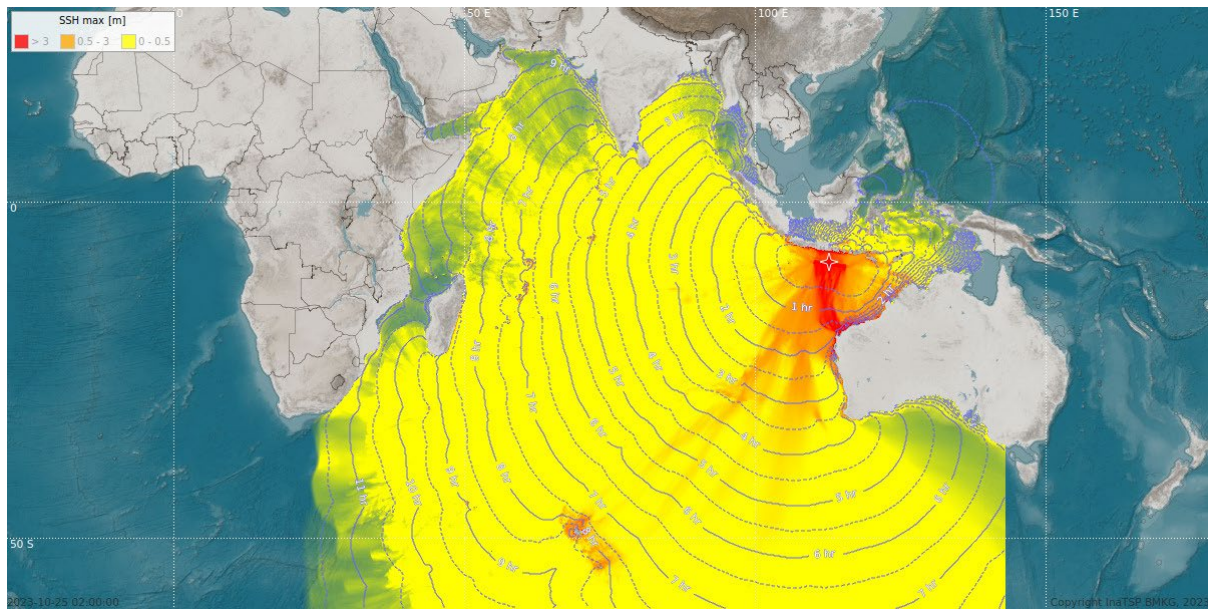




Figure S1-28. Maximum Wave Amplitude Map



## 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 IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST  
TSP-InaTEWS-20231025-0208-001

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TSUNAMI BULLETIN NUMBER 1 (TYPE-I EARTHQUAKE BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 0208 UTC, Oct 25, 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 INDONESIA has detected an earthquake with the following preliminary information:

Magnitude : 8.5 Mwp  
Depth : 10km  
Date : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

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

END OF BULLETIN

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TEST TEST TEST TEST TEST 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-20231025-0213-002

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TSUNAMI BULLETIN NUMBER 2 (TYPE-II THREAT ASSESSMENT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 0213 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

### 2. EVALUATION

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

An investigation is under way to determine if a tsunami has been triggered. This 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

CHRISTMAS ISLAND	0235z	25Oct2023	3.5m
COCOS ISLAND	0354z	25Oct2023	1.1m
NINGALOO COAST	0405z	25Oct2023	12.4m
PILBARA COAST WEST	0411z	25Oct2023	6.8m
PILBARA COAST EAST	0434z	25Oct2023	3.5m
WEST KIMBERLY COAST	0438z	25Oct2023	2.0m
GASCOYNE COAST	0453z	25Oct2023	3.5m
ASHMORE REEF	0456z	25Oct2023	0.9m
GERALDTON COAST	0508z	25Oct2023	1.4m
NORTH KIMBERLY COAST	0513z	25Oct2023	0.8m
BUNBURY GEOGRAPHIC COAST	0556z	25Oct2023	1.1m
LEEWIN COAST	0612z	25Oct2023	0.8m
LANCELIN COAST	0656z	25Oct2023	0.9m
PERTH COAST	0732z	25Oct2023	1.0m
HEARD ISLAND AND MCDONALD ISLANDS	1035z	25Oct2023	2.4m
AURORA BANK	1108z	25Oct2023	1.2m

FRANCE

ILE SAINT-PAUL-NORTH	0808z	25Oct2023	0.9m
ILE SAINT-PAUL-SOUTH	0839z	25Oct2023	0.7m
ILE KERGUELEN	1030z	25Oct2023	2.4m
CROZET PLATEAU	1140z	25Oct2023	1.3m
ILE DE LA POSSESSION	1142z	25Oct2023	0.7m
SAINT - JOSEPH	1206z	25Oct2023	0.6m
NES CROZET	1209z	25Oct2023	0.6m

INDIA

KANYAKUMARI	1050z	25Oct2023	0.6m
MACHILIPATNAM	1059z	25Oct2023	0.6m
KAKINADA	1105z	25Oct2023	0.6m
MARAKKANAM	1322z	25Oct2023	0.5m
ENNORE	1334z	25Oct2023	0.5m
NIJAMPATTANAM	1348z	25Oct2023	0.6m
PERUPALEM	1350z	25Oct2023	0.6m

INDONESIA

NTB LOMBOK-BARAT BAGIAN SELATAN	0220z	25Oct2023	6.1m
JATIM BANYUWANGI BAGIAN SELATAN	0221z	25Oct2023	22.8m
BALI BADUNG PANTAI-KUTA	0221z	25Oct2023	10.7m
BALI KLUNGKUNG PULAU NUSAPENIDA	0222z	25Oct2023	8.7m
NTB SUMBAWA BAGIAN BARAT	0222z	25Oct2023	4.8m
JATIM JEMBER PULAU NUSABARUNG	0224z	25Oct2023	20.4m
NTB LOMBOK-TENGAH	0224z	25Oct2023	8.3m
JATIM MALANG	0225z	25Oct2023	21.7m
JATIM JEMBER	0225z	25Oct2023	22.6m
JATIM BANYUWANGI BAGIAN TIMUR	0226z	25Oct2023	6.9m
NTB SUMBAWA BAGIAN SELATAN	0227z	25Oct2023	4.8m
NTB LOMBOK-TIMUR BAGIAN SELATAN	0227z	25Oct2023	6.0m

JATIM BLITAR	0228z	250oct2023	19.6m
JATIM TULUNGAGUNG	0229z	250oct2023	20.6m
JATIM TRENGGALEK	0229z	250oct2023	24.9m
JATENG WONOGIRI	0231z	250oct2023	19.7m
BALI JEMBRANA	0231z	250oct2023	8.9m
BALI KARANG-ASEM BAGIAN SELATAN	0232z	250oct2023	6.0m
DIY GUNUNG-KIDUL	0233z	250oct2023	18.0m
BALI KLUNGKUNG	0233z	250oct2023	6.4m
JATIM PACITAN	0233z	250oct2023	18.3m
BALI DENPASAR PANTAI-SANUR	0233z	250oct2023	8.7m
BALI GIANYAR	0235z	250oct2023	7.1m
BALI KARANG-ASEM BAGIAN UTARA	0235z	250oct2023	1.6m
NTB LOMBOK-BARAT BAGIAN UTARA	0237z	250oct2023	2.0m
DIY BANTUL	0237z	250oct2023	10.5m
JATIM LUMAJANG	0237z	250oct2023	24.6m
NTB LOMBOK-TIMUR BAGIAN TIMUR	0238z	250oct2023	6.0m
DIY KULON-PROGO	0239z	250oct2023	11.1m
NTB KOTA-MATARAM	0239z	250oct2023	7.5m
BALI TABANAN	0241z	250oct2023	14.0m
NTB DOMPU BAGIAN SELATAN	0241z	250oct2023	4.6m
NTT SUMBA BAGIAN BARAT	0242z	250oct2023	4.3m
NTB KOTA-BIMA BAGIAN SELATAN	0244z	250oct2023	3.6m
JABAR GARUT	0245z	250oct2023	5.4m
JATENG PURWOREJO	0245z	250oct2023	9.4m
BALI BULELENG BAGIAN TIMUR	0247z	250oct2023	1.2m
JABAR TASIKMALAYA	0247z	250oct2023	6.2m
JABAR CIAMIS	0247z	250oct2023	7.1m
NTT SUMBA BAGIAN TIMUR	0247z	250oct2023	3.1m
JATENG KEBUMEN	0248z	250oct2023	8.1m
JABAR CIANJUR SINDANGBARANG	0248z	250oct2023	5.2m
NTB LOMBOK-TIMUR BAGIAN UTARA	0252z	250oct2023	1.6m
JABAR SUKABUMI UJUNG-GENTENG	0253z	250oct2023	5.5m
JATENG CILACAP	0255z	250oct2023	7.8m
NTT KEPULAUAN MANGGARAI-BARAT	0256z	250oct2023	3.0m
NTB BIMA PULAU GILI	0256z	250oct2023	2.9m
JATIM SUMENEP	0259z	250oct2023	0.8m
JABAR SUKABUMI PELABUHAN-RATU	0259z	250oct2023	3.6m
BANTEN LEBAK	0300z	250oct2023	3.1m
BALI BULELENG BAGIAN BARAT	0301z	250oct2023	1.8m
BANTEN PANDEGLANG BAGIAN SELATAN	0302z	250oct2023	3.8m
NTT KUPANG	0303z	250oct2023	1.5m
NTT MANGGARAI-BARAT BAGIAN SELATAN	0304z	250oct2023	3.8m
NTB SUMBAWA BAGIAN UTARA	0308z	250oct2023	1.1m
NTT ROTENDAO	0317z	250oct2023	1.8m
NTT MANGGARAI BAGIAN SELATAN	0318z	250oct2023	2.4m
NTB SUMBAWA	0321z	250oct2023	0.9m
BANTEN PANDEGLANG PULAU PANAITAN	0323z	250oct2023	2.3m
NTB KOTA-BIMA BAGIAN UTARA	0326z	250oct2023	1.0m
JATIM SITUBONDO	0327z	250oct2023	0.6m
NTT NGADA BAGIAN SELATAN	0329z	250oct2023	3.0m
NTB BIMA	0346z	250oct2023	0.7m
NTT ENDE BAGIAN SELATAN	0348z	250oct2023	2.0m
LAMPUNG TANGGAMUS BAGIAN BARAT	0349z	250oct2023	2.0m
NTT SIKKA BAGIAN SELATAN	0353z	250oct2023	1.5m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0353z	250oct2023	1.6m
NTB BIMA PULAU SANGIANG	0354z	250oct2023	1.0m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	0355z	250oct2023	1.5m
NTT FLORES-TIMUR BAGIAN SELATAN	0357z	250oct2023	1.1m
NTT FLORES-TIMUR PULAU SOLOR	0404z	250oct2023	1.2m

LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0405z	25Oct2023	2.1m
NTT LEMBATA BAGIAN SELATAN	0410z	25Oct2023	1.4m
NTT FLORES-TIMUR PULAU ADONARA	0411z	25Oct2023	0.8m
BANTEN PANDEGLANG BAGIAN UTARA	0415z	25Oct2023	1.6m
NTT ALOR BAGIAN SELATAN	0415z	25Oct2023	1.2m
NTT TIMOR-TENGAH-UTARA	0417z	25Oct2023	0.8m
NTT KOTA-KUPANG	0420z	25Oct2023	2.4m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	0430z	25Oct2023	1.6m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0432z	25Oct2023	1.7m
NTB DOMPU BAGIAN BARAT	0434z	25Oct2023	0.8m
LAMPUNG TANGGAMUS PULAU TABUAN	0435z	25Oct2023	1.8m
NTB DOMPU BAGIAN UTARA	0435z	25Oct2023	0.7m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0441z	25Oct2023	1.8m
BENGGULU KAUR	0443z	25Oct2023	1.6m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	0444z	25Oct2023	1.6m
BENGGULU BENGGULU-UTARA PULAU ENGGANO	0448z	25Oct2023	2.7m
BENGGULU BENGGULU-SELATAN	0508z	25Oct2023	1.4m
BENGGULU SELUMA	0521z	25Oct2023	2.2m
NTT BELU BAGIAN UTARA	0542z	25Oct2023	0.8m
SULSEL JENEPONTO	0544z	25Oct2023	0.7m
BENGGULU BENGGULU-UTARA BAGIAN SELATAN	0545z	25Oct2023	1.5m
BENGGULU KOTA-BENGGULU PANTAI-PANJANG	0618z	25Oct2023	1.4m
BENGGULU BENGGULU-UTARA BAGIAN UTARA	0624z	25Oct2023	1.1m
SULSEL TAKALAR	0630z	25Oct2023	0.7m
NTT ALOR BAGIAN UTARA	0638z	25Oct2023	0.5m
BANTEN SERANG BAGIAN BARAT	0640z	25Oct2023	1.2m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	0644z	25Oct2023	1.1m
BANTEN KOTA-CILEGON	0652z	25Oct2023	1.3m
BENGGULU MUKOMUKO	0654z	25Oct2023	1.3m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0703z	25Oct2023	1.3m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0720z	25Oct2023	0.6m
SULSEL MAROS	0723z	25Oct2023	0.5m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	0805z	25Oct2023	0.8m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0812z	25Oct2023	0.7m
NTT ENDE BAGIAN UTARA	0857z	25Oct2023	0.6m
SULSEL BANTAENG	0900z	25Oct2023	0.9m
NTT FLORES-TIMUR BAGIAN UTARA	0907z	25Oct2023	0.5m
NTT MANGGARAI-BARAT BAGIAN UTARA	0912z	25Oct2023	0.6m
BANTEN KOTA-CILEGON PULAU SANGIA	0919z	25Oct2023	1.1m
SUMBAR KOTA-PADANG BAGIAN SELATAN	0935z	25Oct2023	0.8m
NTT SIKKA BAGIAN UTARA	0956z	25Oct2023	0.5m
SULSEL PANGKAJENE-KEPULAUAN	1006z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	1016z	25Oct2023	0.7m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	1019z	25Oct2023	0.5m
SUMUT NIAS-SELATAN PULAU TANABALA	1047z	25Oct2023	0.6m
SUMUT NIAS BAGIAN BARAT	1056z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU NIAS	1059z	25Oct2023	0.7m
SULSEL KOTA-MAKASSAR	1109z	25Oct2023	0.7m
NTT BELU BAGIAN SELATAN	1135z	25Oct2023	0.5m
SUMUT NIAS-SELATAN PULAU PINI	1212z	25Oct2023	0.5m
NAD ACEH-BESAR BAGIAN BARAT	1247z	25Oct2023	0.5m
SUMUT MANDAILING-NATAL BAGIAN UTARA	1334z	25Oct2023	0.5m

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MADAGASCAR

AMBAHY	1119z	25Oct2023	1.0m
FARAFAGANA	1120z	25Oct2023	1.3m
TOAMASINA AIRPORT	1201z	25Oct2023	0.6m

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TAMPOLO	1215z	25Oct2023	0.6m
MANANTENINA	1219z	25Oct2023	0.5m

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MALDIVES

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HITHADHOO	0834z	25Oct2023	0.8m
THINADHOO	0838z	25Oct2023	0.8m
KOLHUFUSHI	0850z	25Oct2023	0.6m
DHIYAMIGILI	0900z	25Oct2023	0.8m
KULHUDUFFUSHI	0908z	25Oct2023	0.6m
MALE	1005z	25Oct2023	0.5m

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MAURITIUS

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LA FERME	0858z	25Oct2023	1.1m
GRANDE REVIERE SUD EST-EAST	0944z	25Oct2023	2.9m
CARGADOS CARAJOS	1046z	25Oct2023	0.8m
GRANDE REVIERE SUD EST-WEST	1104z	25Oct2023	0.8m

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SOMALIA

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MAREEG	1350z	25Oct2023	0.5m
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SOUTH AFRICA

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FUNK SEAMOUNT	1335z	25Oct2023	0.5m
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SRI LANKA

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OKANDA	0918z	25Oct2023	0.9m
GALLE	0946z	25Oct2023	0.7m
HAMBANTOTA	0954z	25Oct2023	1.5m
KIRINDA	1001z	25Oct2023	1.3m
AKKARAI PATTU	1002z	25Oct2023	0.5m
BATTICALOA	1002z	25Oct2023	0.5m
MATARA	1026z	25Oct2023	0.8m
KATTANKUDI	1039z	25Oct2023	0.6m
TANGALLE	1116z	25Oct2023	0.9m
BERUWALA	1119z	25Oct2023	0.6m
COLOMBO	1131z	25Oct2023	0.5m
AMBALANGODA	1231z	25Oct2023	0.5m
POTTUVIL	1235z	25Oct2023	0.8m
MORATUWA	1249z	25Oct2023	0.5m
PANKULAM	1333z	25Oct2023	0.5m

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TIMOR-LESTE

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BOBONARO	0431z	25Oct2023	1.2m
PANTE MACASSAR	0542z	25Oct2023	0.8m
LIQUICA	0548z	25Oct2023	0.9m
DILI	0551z	25Oct2023	0.7m
BAUCAU	0808z	25Oct2023	0.5m
MANUFAHI	1146z	25Oct2023	0.5m



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UNITED KINGDOM  
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DIEGO GARCIA	0820z 25Oct2023	0.9m
MORESBY ISLAND	0846z 25Oct2023	0.6m
NW EGMONT ISLAND	0905z 25Oct2023	0.8m

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YEMEN  
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SOCOTRA ISLAND SOUTH	1230z 25Oct2023	0.6m
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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>

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

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

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

END OF BULLETIN  
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# 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-20231025-0230-003

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TSUNAMI BULLETIN NUMBER 3 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 0230 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

## 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)
DART 53046	AUSTRALIA	11.45S	113.61E	0210z UTC	25 Oct 2023	3.5m
Benoa	INDONESIA	8.77S	115.22E	0226z UTC	25 Oct 2023	11.8m

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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

CHRISTMAS ISLAND	0232z	25Oct2023	4.2m
ASHMORE REEF	0320z	25Oct2023	1.5m
COCOS ISLAND	0351z	25Oct2023	1.3m
NINGALOO COAST	0404z	25Oct2023	16.1m
PILBARA COAST WEST	0410z	25Oct2023	7.5m
PILBARA COAST EAST	0433z	25Oct2023	4.4m
WEST KIMBERLY COAST	0434z	25Oct2023	2.4m
GASCOYNE COAST	0452z	25Oct2023	4.3m
GERALDTON COAST	0507z	25Oct2023	1.9m
NORTH KIMBERLY COAST	0509z	25Oct2023	1.1m
LANCELIN COAST	0528z	25Oct2023	1.1m
PERTH COAST	0542z	25Oct2023	1.2m
BUNBURY GEOGRAPHE COAST	0555z	25Oct2023	1.5m
LEEUVIN COAST	0610z	25Oct2023	1.2m
ALBANY COAST	0706z	25Oct2023	0.5m
HEARD ISLAND AND MCDONALD ISLANDS	1033z	25Oct2023	3.1m
AURORA BANK	1050z	25Oct2023	1.6m

FRANCE

ILE SAINT-PAUL-NORTH	0805z	25Oct2023	1.1m
ILE SAINT-PAUL-SOUTH	0831z	25Oct2023	1.0m
ILE KERGUELEN	1028z	25Oct2023	3.1m
SAINT-DENIS	1107z	25Oct2023	0.5m
ILE DE LA POSSESSION	1108z	25Oct2023	1.1m
SAINT - JOSEPH	1113z	25Oct2023	0.7m
CROZET PLATEAU	1136z	25Oct2023	1.6m
NES CROZET	1202z	25Oct2023	0.8m

INDIA

MINICOY	0939z	25Oct2023	0.5m
ALLEPPEY ALAPPUZHA	1019z	25Oct2023	0.5m
KANYAKUMARI	1051z	25Oct2023	0.8m
MACHILIPATNAM	1055z	25Oct2023	0.6m
ENNORE	1103z	25Oct2023	0.6m
KAKINADA	1118z	25Oct2023	0.6m
VISAKHAPATNAM	1123z	25Oct2023	0.5m
KOODANKULAM	1132z	25Oct2023	0.5m
PERUPALEM	1133z	25Oct2023	1.0m
NIJAMPATTANAM	1200z	25Oct2023	0.6m
CHENNAI	1208z	25Oct2023	0.5m
MAHABALIPURAM	1210z	25Oct2023	0.5m
KAVARATTI	1320z	25Oct2023	0.5m
MARAKKANAM	1326z	25Oct2023	0.5m

INDONESIA

NTB LOMBOK-BARAT BAGIAN SELATAN	0218z	25Oct2023	8.8m
NTB SUMBAWA BAGIAN BARAT	0220z	25Oct2023	6.0m

JATIM BANYUWANGI BAGIAN SELATAN	0221z	250ct2023	26.4m
BALI BADUNG PANTAI-KUTA	0221z	250ct2023	16.1m
BALI KLUNGKUNG PULAU NUSAPENIDA	0221z	250ct2023	13.5m
NTB LOMBOK-TENGAH	0222z	250ct2023	11.3m
JATIM JEMBER PULAU NUSABARUNG	0223z	250ct2023	22.1m
NTB SUMBAWA BAGIAN SELATAN	0224z	250ct2023	5.9m
JATIM JEMBER	0225z	250ct2023	28.4m
JATIM MALANG	0225z	250ct2023	23.5m
NTB LOMBOK-TIMUR BAGIAN SELATAN	0225z	250ct2023	8.4m
JATIM BANYUWANGI BAGIAN TIMUR	0226z	250ct2023	9.8m
JATIM BLITAR	0228z	250ct2023	22.6m
JATIM TULUNGAGUNG	0228z	250ct2023	19.4m
JATIM TRENGGALEK	0229z	250ct2023	28.4m
BALI KARANG-ASEM BAGIAN SELATAN	0231z	250ct2023	8.6m
JATENG WONOGIRI	0231z	250ct2023	29.4m
BALI JEMBRANA	0231z	250ct2023	10.4m
DIY GUNUNG-KIDUL	0232z	250ct2023	23.8m
BALI KLUNGKUNG	0232z	250ct2023	8.3m
BALI DENPASAR PANTAI-SANUR	0233z	250ct2023	13.5m
BALI KARANG-ASEM BAGIAN UTARA	0233z	250ct2023	2.2m
JATIM PACITAN	0233z	250ct2023	27.2m
BALI GIANYAR	0234z	250ct2023	10.4m
DIY BANTUL	0235z	250ct2023	13.4m
NTB LOMBOK-BARAT BAGIAN UTARA	0235z	250ct2023	2.6m
NTB LOMBOK-TIMUR BAGIAN TIMUR	0236z	250ct2023	8.1m
DIY KULON-PROGO	0237z	250ct2023	15.8m
JATIM LUMAJANG	0237z	250ct2023	29.5m
NTB KOTA-MATARAM	0238z	250ct2023	11.9m
NTB DOMPU BAGIAN SELATAN	0239z	250ct2023	6.8m
NTT SUMBA BAGIAN BARAT	0240z	250ct2023	4.3m
BALI TABANAN	0241z	250ct2023	19.8m
NTB KOTA-BIMA BAGIAN SELATAN	0241z	250ct2023	3.6m
JABAR GARUT	0242z	250ct2023	6.0m
JATENG PURWOREJO	0243z	250ct2023	11.9m
JABAR TASIKMALAYA	0244z	250ct2023	8.5m
NTT SUMBA BAGIAN TIMUR	0244z	250ct2023	3.9m
JABAR CIAMIS	0244z	250ct2023	8.0m
BALI BULELENG BAGIAN TIMUR	0244z	250ct2023	1.8m
JABAR CIANJUR SINDANGBARANG	0245z	250ct2023	6.6m
JATENG KEBUMEN	0245z	250ct2023	10.7m
NTB LOMBOK-TIMUR BAGIAN UTARA	0250z	250ct2023	2.0m
JABAR SUKABUMI UJUNG-GENTENG	0250z	250ct2023	7.0m
JATENG CILACAP	0252z	250ct2023	10.4m
NTT KEPULAUAN MANGGARAI-BARAT	0253z	250ct2023	4.2m
NTB BIMA PULAU GILI	0253z	250ct2023	3.3m
JABAR SUKABUMI PELABUHAN-RATU	0255z	250ct2023	4.1m
BANTEN LEBAK	0256z	250ct2023	4.1m
JATIM SUMENEP	0257z	250ct2023	1.1m
BANTEN PANDEGLANG BAGIAN SELATAN	0258z	250ct2023	4.3m
BALI BULELENG BAGIAN BARAT	0259z	250ct2023	2.3m
NTT KUPANG	0300z	250ct2023	1.8m
NTT MANGGARAI-BARAT BAGIAN SELATAN	0301z	250ct2023	4.3m
BANTEN PANDEGLANG PULAU PANAITAN	0302z	250ct2023	3.4m
NTB SUMBAWA BAGIAN UTARA	0304z	250ct2023	1.4m
NTB BIMA	0309z	250ct2023	1.0m
JATIM SITUBONDO	0311z	250ct2023	1.0m
NTB SUMBAWA	0313z	250ct2023	1.2m
NTT ROTENDAO	0314z	250ct2023	2.7m
NTT MANGGARAI BAGIAN SELATAN	0316z	250ct2023	2.9m

NTB KOTA-BIMA BAGIAN UTARA	0322z	250ct2023	1.0m
NTT NGADA BAGIAN SELATAN	0326z	250ct2023	3.4m
NTB DOMPU BAGIAN BARAT	0328z	250ct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0332z	250ct2023	2.7m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0333z	250ct2023	2.5m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0333z	250ct2023	2.2m
LAMPUNG TANGGAMUS BAGIAN BARAT	0338z	250ct2023	2.3m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	0340z	250ct2023	2.1m
BANTEN PANDEGLANG BAGIAN UTARA	0341z	250ct2023	2.0m
LAMPUNG TANGGAMUS PULAU TABUAN	0341z	250ct2023	1.6m
NTT ENDE BAGIAN SELATAN	0344z	250ct2023	2.8m
NTT FLORES-TIMUR PULAU ADONARA	0344z	250ct2023	1.0m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0345z	250ct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	0345z	250ct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	0347z	250ct2023	2.5m
NTT SIKKA BAGIAN SELATAN	0349z	250ct2023	2.2m
NTT LEMBATA BAGIAN UTARA	0350z	250ct2023	0.5m
NTB BIMA PULAU SANGIANG	0351z	250ct2023	1.1m
NTT FLORES-TIMUR BAGIAN SELATAN	0354z	250ct2023	1.5m
BENGKULU KAUR	0358z	250ct2023	2.0m
NTT FLORES-TIMUR PULAU SOLOR	0400z	250ct2023	1.6m
NTT LEMBATA BAGIAN SELATAN	0404z	250ct2023	1.9m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0406z	250ct2023	3.1m
NTT ALOR BAGIAN SELATAN	0408z	250ct2023	1.4m
NTT TIMOR-TENGAH-UTARA	0413z	250ct2023	1.4m
NTT KOTA-KUPANG	0416z	250ct2023	2.9m
BENGKULU SELUMA	0416z	250ct2023	2.6m
NTT BELU BAGIAN UTARA	0424z	250ct2023	0.9m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0427z	250ct2023	1.9m
NTB DOMPU BAGIAN UTARA	0432z	250ct2023	0.9m
NTT ALOR BAGIAN UTARA	0456z	250ct2023	0.5m
NTT TIMOR-TENGAH-SELATAN	0500z	250ct2023	0.6m
BENGKULU BENGKULU-SELATAN	0507z	250ct2023	1.9m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0528z	250ct2023	1.9m
NTT SIKKA BAGIAN UTARA	0535z	250ct2023	0.7m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0540z	250ct2023	2.0m
SULSEL JENEPONTO	0541z	250ct2023	0.9m
SULSEL MAROS	0543z	250ct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	0549z	250ct2023	1.4m
SULSEL TAKALAR	0558z	250ct2023	0.8m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0602z	250ct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0620z	250ct2023	0.9m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0627z	250ct2023	1.0m
BANTEN KOTA-CILEGON PULAU SANGIA	0633z	250ct2023	1.4m
NTT FLORES-TIMUR BAGIAN UTARA	0635z	250ct2023	0.7m
BANTEN SERANG BAGIAN BARAT	0639z	250ct2023	1.6m
NTT PULAU ENDE	0641z	250ct2023	0.5m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	0642z	250ct2023	1.5m
BENGKULU MUKOMUKO	0647z	250ct2023	1.8m
BANTEN KOTA-CILEGON	0649z	250ct2023	1.8m
JATIM PAMEKASAN	0716z	250ct2023	0.5m
SULSEL SELAYAR	0723z	250ct2023	0.5m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	0730z	250ct2023	0.5m
JATIM SAMPANG	0740z	250ct2023	0.5m
SULSEL PANGKAJENE-KEPULAUAN	0745z	250ct2023	0.9m
NTT PULAU SIKKA	0747z	250ct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	0804z	250ct2023	1.1m
NTT ENDE BAGIAN UTARA	0805z	250ct2023	0.5m
SULSEL BANTAENG	0817z	250ct2023	1.2m

SUMBAR KOTA-PADANG BAGIAN UTARA	0826z	25Oct2023	0.5m
NTT MANGGARAI-BARAT BAGIAN UTARA	0832z	25Oct2023	0.5m
SUMUT NIAS BAGIAN BARAT	0840z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0842z	25Oct2023	0.6m
SUMBAR PASAMAN-BARAT	0910z	25Oct2023	0.5m
JATIM BANGKALAN	0911z	25Oct2023	0.6m
SULSEL BARRU	0933z	25Oct2023	0.5m
SULSEL KOTA-MAKASSAR	0933z	25Oct2023	0.9m
SUMBAR KOTA-PADANG BAGIAN SELATAN	0934z	25Oct2023	1.0m
SUMUT NIAS-SELATAN PULAU NIAS	0943z	25Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	0943z	25Oct2023	0.6m
NAD ACEH-BESAR BAGIAN BARAT	0956z	25Oct2023	0.7m
JATIM PASURUAN	1007z	25Oct2023	0.5m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	1038z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANABALA	1047z	25Oct2023	0.7m
JATIM PROBOLINGGO	1052z	25Oct2023	0.5m
NAD SIMEULUE PULAU SIMEULUE	1132z	25Oct2023	0.5m
NTT MANGGARAI BAGIAN UTARA	1132z	25Oct2023	0.5m
NTT BELU BAGIAN SELATAN	1134z	25Oct2023	0.6m
SUMBAR AGAM	1208z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU PINI	1209z	25Oct2023	0.7m
NAD ACEH-JAYA	1209z	25Oct2023	0.6m
KALSEL TANAHLAUT	1209z	25Oct2023	0.5m
SUMUT KOTA-SIBOLGA	1214z	25Oct2023	0.5m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1232z	25Oct2023	0.5m
SUMBAR KOTA-PARIAMAN	1240z	25Oct2023	0.5m
SULSEL SINJAI	1249z	25Oct2023	0.6m
SULSEL PINRANG	1303z	25Oct2023	0.5m
SULSEL KOTA-PARE-PARE	1304z	25Oct2023	0.5m
JATIM KOTA-PASURUAN	1331z	25Oct2023	0.5m
SUMUT MANDAILING-NATAL BAGIAN UTARA	1334z	25Oct2023	0.6m

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MADAGASCAR

FARAFAGANA	1114z	25Oct2023	1.2m
AMBAHY	1116z	25Oct2023	1.4m
TOAMASINA AIRPORT	1200z	25Oct2023	0.8m
VOHEMAR	1202z	25Oct2023	0.5m
TAMPOLO	1215z	25Oct2023	0.7m
MANANTENINA	1218z	25Oct2023	0.6m
SAMPONA	1257z	25Oct2023	0.5m

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MALDIVES

HITHADHOO	0829z	25Oct2023	0.9m
DHIYAMIGILI	0837z	25Oct2023	1.0m
THINADHOO	0840z	25Oct2023	0.9m
KOLHUFUSHI	0853z	25Oct2023	0.7m
MALE	0858z	25Oct2023	0.6m
KULHUDUFFUSHI	0907z	25Oct2023	0.7m
NILANDHOO	1024z	25Oct2023	0.6m
FERIDHOO	1327z	25Oct2023	0.5m

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MAURITIUS

LA FERME	0849z	25Oct2023	1.1m
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CARGADOS CARAJOS	0932z	25Oct2023	1.4m
GRANDE REVIERE SUD EST-EAST	0940z	25Oct2023	3.9m
GRANDE REVIERE SUD EST-WEST	1059z	25Oct2023	0.9m

OMAN

TAQAH	1340z	25Oct2023	0.6m
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SEYCHELLES

FREGATE ISLAND	1345z	25Oct2023	0.6m
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SOMALIA

GALDOGOB	1249z	25Oct2023	0.5m
ITALA	1253z	25Oct2023	0.5m
CEEL DHEER	1255z	25Oct2023	0.5m
MAREEG	1258z	25Oct2023	0.7m
XARARDHEERE	1303z	25Oct2023	0.6m

SOUTH AFRICA

FUNK SEAMOUNT	1335z	25Oct2023	0.6m
NGQUELENI	1358z	25Oct2023	0.5m
ELLIOTDALE	1359z	25Oct2023	0.5m

SRI LANKA

KIRINDA	0813z	25Oct2023	1.3m
GALLE	0830z	25Oct2023	0.9m
OKANDA	0839z	25Oct2023	1.1m
MATARA	0841z	25Oct2023	1.0m
HAMBANTOTA	0842z	25Oct2023	1.8m
AKKARAI PATTU	0937z	25Oct2023	0.7m
BATTICALOA	0938z	25Oct2023	0.7m
KATTANKUDI	0955z	25Oct2023	0.7m
TANGALLE	1006z	25Oct2023	0.7m
AMBALANGODA	1054z	25Oct2023	0.6m
BERUWALA	1118z	25Oct2023	0.7m
COLOMBO	1131z	25Oct2023	0.6m
MORATUWA	1235z	25Oct2023	0.9m
MULLAITTIVU	1252z	25Oct2023	0.5m
PANKULAM	1253z	25Oct2023	0.5m
NEGOMBO	1315z	25Oct2023	0.5m
POTTUVIL	1316z	25Oct2023	0.8m

TIMOR-LESTE

PANTE MACASSAR	0414z	25Oct2023	1.3m
BOBONARO	0423z	25Oct2023	1.7m
LIQUICA	0425z	25Oct2023	1.1m
DILI	0547z	25Oct2023	0.9m
BAUCAU	0602z	25Oct2023	0.7m

COVALIMA	0951z	25Oct2023	0.6m
MANUFAHI	1041z	25Oct2023	0.6m
MANATUTO NORTH	1106z	25Oct2023	0.5m
AINARO	1117z	25Oct2023	0.5m

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UNITED KINGDOM

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DIEGO GARCIA	0745z	25Oct2023	1.3m
MORESBY ISLAND	0830z	25Oct2023	0.9m
NW EGMONT ISLAND	0843z	25Oct2023	1.1m

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YEMEN

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SOCOTRA ISLAND SOUTH	1229z	25Oct2023	0.8m
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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](mailto:inartsp@bmkg.go.id)

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

END OF BULLETIN

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# 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-20231025-0300-004

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TSUNAMI BULLETIN NUMBER 4 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 0300 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

## 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)
DART 53046	AUSTRALIA	11.45S	113.61E	0210z	UTC 25 Oct 2023	3.5m
Benoa	INDONESIA	8.77S	115.22E	0226z	UTC 25 Oct 2023	11.8m
Christmas Island	AUSTRALIA	10.43S	105.67E	0230z	UTC 25 Oct 2023	1.1m
DART 56001	AUSTRALIA	14.05S	110.03E	0236z	UTC 25 Oct 2023	2.3m
DART 56003	AUSTRALIA	15.02S	118.07E	0236z	UTC 25 Oct 2023	1.0m
Prigi	INDONESIA	8.28S	111.73E	0236z	UTC 25 Oct 2023	9.1m
Sadeng	INDONESIA	8.19S	110.80E	0240z	UTC 25 Oct 2023	17.6m
Waikelo	INDONESIA	9.39S	119.22E	0247z	UTC 25 Oct 2023	5.2m
Lembar	INDONESIA	8.73S	116.07E	0248z	UTC 25 Oct 2023	7.9m
Cilacap	INDONESIA	7.75S	109.00E	0251z	UTC 25 Oct 2023	11.5m
Pangandaran	INDONESIA	7.75S	108.50E	0254z	UTC 25 Oct 2023	9.0m

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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

CHRISTMAS ISLAND	0232z	25Oct2023	4.2m
ASHMORE REEF	0320z	25Oct2023	1.5m
COCOS ISLAND	0351z	25Oct2023	1.3m
NINGALOO COAST	0404z	25Oct2023	16.1m
PILBARA COAST WEST	0410z	25Oct2023	7.5m
PILBARA COAST EAST	0433z	25Oct2023	4.4m
WEST KIMBERLY COAST	0434z	25Oct2023	2.4m
GASCOYNE COAST	0452z	25Oct2023	4.3m
GERALDTON COAST	0507z	25Oct2023	1.9m
NORTH KIMBERLY COAST	0509z	25Oct2023	1.1m
LANCELIN COAST	0528z	25Oct2023	1.1m
PERTH COAST	0542z	25Oct2023	1.2m
BUNBURY GEOGRAPHE COAST	0555z	25Oct2023	1.5m
LEEUVIN COAST	0610z	25Oct2023	1.2m
ALBANY COAST	0706z	25Oct2023	0.5m
HEARD ISLAND AND MCDONALD ISLANDS	1033z	25Oct2023	3.1m
AURORA BANK	1050z	25Oct2023	1.6m

FRANCE

ILE SAINT-PAUL-NORTH	0805z	25Oct2023	1.1m
ILE SAINT-PAUL-SOUTH	0831z	25Oct2023	1.0m
ILE KERGUELEN	1028z	25Oct2023	3.1m
SAINT-DENIS	1107z	25Oct2023	0.5m
ILE DE LA POSSESSION	1108z	25Oct2023	1.1m
SAINT - JOSEPH	1113z	25Oct2023	0.7m
CROZET PLATEAU	1136z	25Oct2023	1.6m
NES CROZET	1202z	25Oct2023	0.8m

INDIA

MINICOY	0939z	25Oct2023	0.5m
ALLEPPEY ALAPPUZHA	1019z	25Oct2023	0.5m
KANYAKUMARI	1051z	25Oct2023	0.8m
MACHILIPATNAM	1055z	25Oct2023	0.6m
ENNORE	1103z	25Oct2023	0.6m
KAKINADA	1118z	25Oct2023	0.6m
VISAKHAPATNAM	1123z	25Oct2023	0.5m
KODANKULAM	1132z	25Oct2023	0.5m
PERUPALEM	1133z	25Oct2023	1.0m
NIJAMPATTANAM	1200z	25Oct2023	0.6m
CHENNAI	1208z	25Oct2023	0.5m
MAHABALIPURAM	1210z	25Oct2023	0.5m

KAVARATTI	1320z	250Oct2023	0.5m
MARAKKANAM	1326z	250Oct2023	0.5m

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INDONESIA  
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NTB LOMBOK-BARAT BAGIAN SELATAN	0218z	250Oct2023	8.8m
NTB SUMBAWA BAGIAN BARAT	0220z	250Oct2023	6.0m
JATIM BANYUWANGI BAGIAN SELATAN	0221z	250Oct2023	26.4m
BALI BADUNG PANTAI-KUTA	0221z	250Oct2023	16.1m
BALI KLUNGKUNG PULAU NUSAPENIDA	0221z	250Oct2023	13.5m
NTB LOMBOK-TENGAH	0222z	250Oct2023	11.3m
JATIM JEMBER PULAU NUSABARUNG	0223z	250Oct2023	22.1m
NTB SUMBAWA BAGIAN SELATAN	0224z	250Oct2023	5.9m
JATIM JEMBER	0225z	250Oct2023	28.4m
JATIM MALANG	0225z	250Oct2023	23.5m
NTB LOMBOK-TIMUR BAGIAN SELATAN	0225z	250Oct2023	8.4m
JATIM BANYUWANGI BAGIAN TIMUR	0226z	250Oct2023	9.8m
JATIM BLITAR	0228z	250Oct2023	22.6m
JATIM TULUNGAGUNG	0228z	250Oct2023	19.4m
JATIM TRENGGALEK	0229z	250Oct2023	28.4m
BALI KARANG-ASEM BAGIAN SELATAN	0231z	250Oct2023	8.6m
JATENG WONOGIRI	0231z	250Oct2023	29.4m
BALI JEMBRANA	0231z	250Oct2023	10.4m
DIY GUNUNG-KIDUL	0232z	250Oct2023	23.8m
BALI KLUNGKUNG	0232z	250Oct2023	8.3m
BALI DENPASAR PANTAI-SANUR	0233z	250Oct2023	13.5m
BALI KARANG-ASEM BAGIAN UTARA	0233z	250Oct2023	2.2m
JATIM PACITAN	0233z	250Oct2023	27.2m
BALI GIANYAR	0234z	250Oct2023	10.4m
DIY BANTUL	0235z	250Oct2023	13.4m
NTB LOMBOK-BARAT BAGIAN UTARA	0235z	250Oct2023	2.6m
NTB LOMBOK-TIMUR BAGIAN TIMUR	0236z	250Oct2023	8.1m
DIY KULON-PROGO	0237z	250Oct2023	15.8m
JATIM LUMAJANG	0237z	250Oct2023	29.5m
NTB KOTA-MATARAM	0238z	250Oct2023	11.9m
NTB DOMPU BAGIAN SELATAN	0239z	250Oct2023	6.8m
NTT SUMBA BAGIAN BARAT	0240z	250Oct2023	4.3m
BALI TABANAN	0241z	250Oct2023	19.8m
NTB KOTA-BIMA BAGIAN SELATAN	0241z	250Oct2023	3.6m
JABAR GARUT	0242z	250Oct2023	6.0m
JATENG PURWOREJO	0243z	250Oct2023	11.9m
JABAR TASIKMALAYA	0244z	250Oct2023	8.5m
NTT SUMBA BAGIAN TIMUR	0244z	250Oct2023	3.9m
JABAR CIAMIS	0244z	250Oct2023	8.0m
BALI BULELENG BAGIAN TIMUR	0244z	250Oct2023	1.8m
JABAR CIANJUR SINDANGBARANG	0245z	250Oct2023	6.6m
JATENG KEBUMEN	0245z	250Oct2023	10.7m
NTB LOMBOK-TIMUR BAGIAN UTARA	0250z	250Oct2023	2.0m
JABAR SUKABUMI UJUNG-GENTENG	0250z	250Oct2023	7.0m
JATENG CILACAP	0252z	250Oct2023	10.4m
NTT KEPULAUAN MANGGARAI-BARAT	0253z	250Oct2023	4.2m
NTB BIMA PULAU GILI	0253z	250Oct2023	3.3m
JABAR SUKABUMI PELABUHAN-RATU	0255z	250Oct2023	4.1m
BANTEN LEBAK	0256z	250Oct2023	4.1m
JATIM SUMENEP	0257z	250Oct2023	1.1m
BANTEN PANDEGLANG BAGIAN SELATAN	0258z	250Oct2023	4.3m
BALI BULELENG BAGIAN BARAT	0259z	250Oct2023	2.3m
NTT KUPANG	0300z	250Oct2023	1.8m

NTT MANGGARAI-BARAT BAGIAN SELATAN	0301z	25Oct2023	4.3m
BANTEN PANDEGLANG PULAU PANAITAN	0302z	25Oct2023	3.4m
NTB SUMBAWA BAGIAN UTARA	0304z	25Oct2023	1.4m
NTB BIMA	0309z	25Oct2023	1.0m
JATIM SITUBONDO	0311z	25Oct2023	1.0m
NTB SUMBAWA	0313z	25Oct2023	1.2m
NTT ROTENDAO	0314z	25Oct2023	2.7m
NTT MANGGARAI BAGIAN SELATAN	0316z	25Oct2023	2.9m
NTB KOTA-BIMA BAGIAN UTARA	0322z	25Oct2023	1.0m
NTT NGADA BAGIAN SELATAN	0326z	25Oct2023	3.4m
NTB DOMPU BAGIAN BARAT	0328z	25Oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0332z	25Oct2023	2.7m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0333z	25Oct2023	2.5m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0333z	25Oct2023	2.2m
LAMPUNG TANGGAMUS BAGIAN BARAT	0338z	25Oct2023	2.3m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	0340z	25Oct2023	2.1m
BANTEN PANDEGLANG BAGIAN UTARA	0341z	25Oct2023	2.0m
LAMPUNG TANGGAMUS PULAU TABUAN	0341z	25Oct2023	1.6m
NTT ENDE BAGIAN SELATAN	0344z	25Oct2023	2.8m
NTT FLORES-TIMUR PULAU ADONARA	0344z	25Oct2023	1.0m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0345z	25Oct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	0345z	25Oct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	0347z	25Oct2023	2.5m
NTT SIKKA BAGIAN SELATAN	0349z	25Oct2023	2.2m
NTT LEMBATA BAGIAN UTARA	0350z	25Oct2023	0.5m
NTB BIMA PULAU SANGIANG	0351z	25Oct2023	1.1m
NTT FLORES-TIMUR BAGIAN SELATAN	0354z	25Oct2023	1.5m
BENGKULU KAUR	0358z	25Oct2023	2.0m
NTT FLORES-TIMUR PULAU SOLOR	0400z	25Oct2023	1.6m
NTT LEMBATA BAGIAN SELATAN	0404z	25Oct2023	1.9m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0406z	25Oct2023	3.1m
NTT ALOR BAGIAN SELATAN	0408z	25Oct2023	1.4m
NTT TIMOR-TENGAH-UTARA	0413z	25Oct2023	1.4m
NTT KOTA-KUPANG	0416z	25Oct2023	2.9m
BENGKULU SELUMA	0416z	25Oct2023	2.6m
NTT BELU BAGIAN UTARA	0424z	25Oct2023	0.9m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0427z	25Oct2023	1.9m
NTB DOMPU BAGIAN UTARA	0432z	25Oct2023	0.9m
NTT ALOR BAGIAN UTARA	0456z	25Oct2023	0.5m
NTT TIMOR-TENGAH-SELATAN	0500z	25Oct2023	0.6m
BENGKULU BENGKULU-SELATAN	0507z	25Oct2023	1.9m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0528z	25Oct2023	1.9m
NTT SIKKA BAGIAN UTARA	0535z	25Oct2023	0.7m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0540z	25Oct2023	2.0m
SULSEL JENEPONTO	0541z	25Oct2023	0.9m
SULSEL MAROS	0543z	25Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	0549z	25Oct2023	1.4m
SULSEL TAKALAR	0558z	25Oct2023	0.8m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0602z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0620z	25Oct2023	0.9m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0627z	25Oct2023	1.0m
BANTEN KOTA-CILEGON PULAU SANGIA	0633z	25Oct2023	1.4m
NTT FLORES-TIMUR BAGIAN UTARA	0635z	25Oct2023	0.7m
BANTEN SERANG BAGIAN BARAT	0639z	25Oct2023	1.6m
NTT PULAU ENDE	0641z	25Oct2023	0.5m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	0642z	25Oct2023	1.5m
BENGKULU MUKOMUKO	0647z	25Oct2023	1.8m
BANTEN KOTA-CILEGON	0649z	25Oct2023	1.8m
JATIM PAMEKASAN	0716z	25Oct2023	0.5m

SULSEL SELAYAR	0723z	25Oct2023	0.5m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	0730z	25Oct2023	0.5m
JATIM SAMPANG	0740z	25Oct2023	0.5m
SULSEL PANGKAJENE-KEPULAUAN	0745z	25Oct2023	0.9m
NTT PULAU SIKKA	0747z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	0804z	25Oct2023	1.1m
NTT ENDE BAGIAN UTARA	0805z	25Oct2023	0.5m
SULSEL BANTAENG	0817z	25Oct2023	1.2m
SUMBAR KOTA-PADANG BAGIAN UTARA	0826z	25Oct2023	0.5m
NTT MANGGARAI-BARAT BAGIAN UTARA	0832z	25Oct2023	0.5m
SUMUT NIAS BAGIAN BARAT	0840z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0842z	25Oct2023	0.6m
SUMBAR PASAMAN-BARAT	0910z	25Oct2023	0.5m
JATIM BANGKALAN	0911z	25Oct2023	0.6m
SULSEL BARRU	0933z	25Oct2023	0.5m
SULSEL KOTA-MAKASSAR	0933z	25Oct2023	0.9m
SUMBAR KOTA-PADANG BAGIAN SELATAN	0934z	25Oct2023	1.0m
SUMUT NIAS-SELATAN PULAU NIAS	0943z	25Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	0943z	25Oct2023	0.6m
NAD ACEH-BESAR BAGIAN BARAT	0956z	25Oct2023	0.7m
JATIM PASURUAN	1007z	25Oct2023	0.5m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	1038z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANABALA	1047z	25Oct2023	0.7m
JATIM PROBOLINGGO	1052z	25Oct2023	0.5m
NAD SIMEULUE PULAU SIMEULUE	1132z	25Oct2023	0.5m
NTT MANGGARAI BAGIAN UTARA	1132z	25Oct2023	0.5m
NTT BELU BAGIAN SELATAN	1134z	25Oct2023	0.6m
SUMBAR AGAM	1208z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU PINI	1209z	25Oct2023	0.7m
NAD ACEH-JAYA	1209z	25Oct2023	0.6m
KALSEL TANAHLAUT	1209z	25Oct2023	0.5m
SUMUT KOTA-SIBOLGA	1214z	25Oct2023	0.5m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1232z	25Oct2023	0.5m
SUMBAR KOTA-PARIAMAN	1240z	25Oct2023	0.5m
SULSEL SINJAI	1249z	25Oct2023	0.6m
SULSEL PINRANG	1303z	25Oct2023	0.5m
SULSEL KOTA-PARE-PARE	1304z	25Oct2023	0.5m
JATIM KOTA-PASURUAN	1331z	25Oct2023	0.5m
SUMUT MANDAILING-NATAL BAGIAN UTARA	1334z	25Oct2023	0.6m

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MADAGASCAR

FARAFAGANA	1114z	25Oct2023	1.2m
AMBAHY	1116z	25Oct2023	1.4m
TOAMASINA AIRPORT	1200z	25Oct2023	0.8m
VOHEMAR	1202z	25Oct2023	0.5m
TAMPOLO	1215z	25Oct2023	0.7m
MANANTENINA	1218z	25Oct2023	0.6m
SAMPONA	1257z	25Oct2023	0.5m

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MALDIVES

HITHADHOO	0829z	25Oct2023	0.9m
DHIYAMIGILI	0837z	25Oct2023	1.0m
THINADHOO	0840z	25Oct2023	0.9m
KOLHUFUSHI	0853z	25Oct2023	0.7m
MALE	0858z	25Oct2023	0.6m

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KULHUDUFFUSHI	0907z	25Oct2023	0.7m
NILANDHOO	1024z	25Oct2023	0.6m
FERIDHOO	1327z	25Oct2023	0.5m

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MAURITIUS

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LA FERME	0849z	25Oct2023	1.1m
CARGADOS CARAJOS	0932z	25Oct2023	1.4m
GRANDE REVIERE SUD EST-EAST	0940z	25Oct2023	3.9m
GRANDE REVIERE SUD EST-WEST	1059z	25Oct2023	0.9m

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OMAN

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TAQAH	1340z	25Oct2023	0.6m
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SEYCHELLES

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FREGATE ISLAND	1345z	25Oct2023	0.6m
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SOMALIA

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GALDOGOB	1249z	25Oct2023	0.5m
ITALA	1253z	25Oct2023	0.5m
CEEL DHEER	1255z	25Oct2023	0.5m
MAREEG	1258z	25Oct2023	0.7m
XARARDHEERE	1303z	25Oct2023	0.6m

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SOUTH AFRICA

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FUNK SEAMOUNT	1335z	25Oct2023	0.6m
NGQUELENI	1358z	25Oct2023	0.5m
ELLIOTDALE	1359z	25Oct2023	0.5m

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SRI LANKA

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KIRINDA	0813z	25Oct2023	1.3m
GALLE	0830z	25Oct2023	0.9m
OKANDA	0839z	25Oct2023	1.1m
MATARA	0841z	25Oct2023	1.0m
HAMBANTOTA	0842z	25Oct2023	1.8m
AKKARAIPATTU	0937z	25Oct2023	0.7m
BATTICALOA	0938z	25Oct2023	0.7m
KATTANKUDI	0955z	25Oct2023	0.7m
TANGALLE	1006z	25Oct2023	0.7m
AMBALANGODA	1054z	25Oct2023	0.6m
BERUWALA	1118z	25Oct2023	0.7m
COLOMBO	1131z	25Oct2023	0.6m
MORATUWA	1235z	25Oct2023	0.9m
MULLAITTIVU	1252z	25Oct2023	0.5m
PANKULAM	1253z	25Oct2023	0.5m
NEGOMBO	1315z	25Oct2023	0.5m
POTTUVIL	1316z	25Oct2023	0.8m

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TIMOR-LESTE

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PANTE MACASSAR          0414z 25Oct2023    1.3m  
BOBONARO                0423z 25Oct2023    1.7m  
LIQUICA                 0425z 25Oct2023    1.1m  
DILI                    0547z 25Oct2023    0.9m  
BAUCAU                  0602z 25Oct2023    0.7m  
COVALIMA                0951z 25Oct2023    0.6m  
MANUFAHI                1041z 25Oct2023    0.6m  
MANATUTO NORTH         1106z 25Oct2023    0.5m  
AINARO                  1117z 25Oct2023    0.5m  
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UNITED KINGDOM

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DIEGO GARCIA            0745z 25Oct2023    1.3m  
MORESBY ISLAND          0830z 25Oct2023    0.9m  
NW EGMONT ISLAND        0843z 25Oct2023    1.1m  
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YEMEN

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SOCOTRA ISLAND SOUTH    1229z 25Oct2023    0.8m  
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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](mailto:inartsp@bmkg.go.id)

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

END OF BULLETIN

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TEST TEST TEST TEST TEST 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
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# 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-20231025-0400-005

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TSUNAMI BULLETIN NUMBER 5 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 0400 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

## 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)
DART 53046	AUSTRALIA	11.45S	113.61E	0210z	UTC 25 Oct 2023	3.5m
Benoa	INDONESIA	8.77S	115.22E	0226z	UTC 25 Oct 2023	11.8m
Christmas Island	AUSTRALIA	10.43S	105.67E	0230z	UTC 25 Oct 2023	1.1m
DART 56001	AUSTRALIA	14.05S	110.03E	0236z	UTC 25 Oct 2023	2.3m
DART 56003	AUSTRALIA	15.02S	118.07E	0236z	UTC 25 Oct 2023	1.0m
Prigi	INDONESIA	8.28S	111.73E	0236z	UTC 25 Oct 2023	9.1m
Sadeng	INDONESIA	8.19S	110.80E	0240z	UTC 25 Oct 2023	17.6m
Waikelo	INDONESIA	9.39S	119.22E	0247z	UTC 25 Oct 2023	5.2m
Lembar	INDONESIA	8.73S	116.07E	0248z	UTC 25 Oct 2023	7.9m
Cilacap	INDONESIA	7.75S	109.00E	0251z	UTC 25 Oct 2023	11.5m
Pangandaran	INDONESIA	7.75S	108.50E	0254z	UTC 25 Oct 2023	9.0m
Rote	INDONESIA	10.71S	123.06E	0318z	UTC 25 Oct 2023	0.9m
Enggano	INDONESIA	5.35S	102.28E	0335z	UTC 25 Oct 2023	2.4m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0342z	UTC 25 Oct 2023	2.0m
Cocos Island	AUSTRALIA	12.12S	96.89E	0346z	UTC 25 Oct 2023	0.7m
Sebesi Island	INDONESIA	5.94S	105.51E	0349z	UTC 25 Oct 2023	2.9m
Marina Jambu	INDONESIA	6.19S	105.84E	0352z	UTC 25 Oct 2023	1.5m

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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

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CHRISTMAS ISLAND          0232z 25Oct2023    4.2m
ASHMORE REEF              0320z 25Oct2023    1.5m
COCOS ISLAND              0351z 25Oct2023    1.3m
NINGALOO COAST            0404z 25Oct2023   16.1m
PILBARA COAST WEST        0410z 25Oct2023    7.5m
PILBARA COAST EAST        0433z 25Oct2023    4.4m
WEST KIMBERLY COAST       0434z 25Oct2023    2.4m
GASCOYNE COAST            0452z 25Oct2023    4.3m
GERALDTON COAST           0507z 25Oct2023    1.9m
NORTH KIMBERLY COAST      0509z 25Oct2023    1.1m
LANCELIN COAST            0528z 25Oct2023    1.1m
PERTH COAST               0542z 25Oct2023    1.2m
BUNBURY GEOGRAPHE COAST   0555z 25Oct2023    1.5m
LEEUVIN COAST             0610z 25Oct2023    1.2m
ALBANY COAST              0706z 25Oct2023    0.5m
HEARD ISLAND AND MCDONALD ISLANDS 1033z 25Oct2023    3.1m
AURORA BANK               1050z 25Oct2023    1.6m
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FRANCE

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ILE SAINT-PAUL-NORTH      0805z 25Oct2023    1.1m
ILE SAINT-PAUL-SOUTH      0831z 25Oct2023    1.0m
ILE KERGUELEN             1028z 25Oct2023    3.1m
SAINT-DENIS               1107z 25Oct2023    0.5m
ILE DE LA POSSESSION       1108z 25Oct2023    1.1m
SAINT - JOSEPH            1113z 25Oct2023    0.7m
CROZET PLATEAU            1136z 25Oct2023    1.6m
NES CROZET                1202z 25Oct2023    0.8m
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INDIA

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MINICOY                   0939z 25Oct2023    0.5m
ALLEPPEY ALAPPUZHA        1019z 25Oct2023    0.5m
KANYAKUMARI               1051z 25Oct2023    0.8m
MACHILIPATNAM             1055z 25Oct2023    0.6m
ENNORE                    1103z 25Oct2023    0.6m
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KAKINADA	1118z	25Oct2023	0.6m
VISAKHAPATNAM	1123z	25Oct2023	0.5m
KOODANKULAM	1132z	25Oct2023	0.5m
PERUPALEM	1133z	25Oct2023	1.0m
NIJAMPATTANAM	1200z	25Oct2023	0.6m
CHENNAI	1208z	25Oct2023	0.5m
MAHABALIPURAM	1210z	25Oct2023	0.5m
KAVARATTI	1320z	25Oct2023	0.5m
MARAKKANAM	1326z	25Oct2023	0.5m

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INDONESIA  
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NTB LOMBOK-BARAT BAGIAN SELATAN	0218z	25Oct2023	8.8m
NTB SUMBAWA BAGIAN BARAT	0220z	25Oct2023	6.0m
JATIM BANYUWANGI BAGIAN SELATAN	0221z	25Oct2023	26.4m
BALI BADUNG PANTAI-KUTA	0221z	25Oct2023	16.1m
BALI KLUNGKUNG PULAU NUSAPENIDA	0221z	25Oct2023	13.5m
NTB LOMBOK-TENGAH	0222z	25Oct2023	11.3m
JATIM JEMBER PULAU NUSABARUNG	0223z	25Oct2023	22.1m
NTB SUMBAWA BAGIAN SELATAN	0224z	25Oct2023	5.9m
JATIM JEMBER	0225z	25Oct2023	28.4m
JATIM MALANG	0225z	25Oct2023	23.5m
NTB LOMBOK-TIMUR BAGIAN SELATAN	0225z	25Oct2023	8.4m
JATIM BANYUWANGI BAGIAN TIMUR	0226z	25Oct2023	9.8m
JATIM BLITAR	0228z	25Oct2023	22.6m
JATIM TULUNGAGUNG	0228z	25Oct2023	19.4m
JATIM TRENGGALEK	0229z	25Oct2023	28.4m
BALI KARANG-ASEM BAGIAN SELATAN	0231z	25Oct2023	8.6m
JATENG WONOGIRI	0231z	25Oct2023	29.4m
BALI JEMBRANA	0231z	25Oct2023	10.4m
DIY GUNUNG-KIDUL	0232z	25Oct2023	23.8m
BALI KLUNGKUNG	0232z	25Oct2023	8.3m
BALI DENPASAR PANTAI-SANUR	0233z	25Oct2023	13.5m
BALI KARANG-ASEM BAGIAN UTARA	0233z	25Oct2023	2.2m
JATIM PACITAN	0233z	25Oct2023	27.2m
BALI GIANYAR	0234z	25Oct2023	10.4m
DIY BANTUL	0235z	25Oct2023	13.4m
NTB LOMBOK-BARAT BAGIAN UTARA	0235z	25Oct2023	2.6m
NTB LOMBOK-TIMUR BAGIAN TIMUR	0236z	25Oct2023	8.1m
DIY KULON-PROGO	0237z	25Oct2023	15.8m
JATIM LUMAJANG	0237z	25Oct2023	29.5m
NTB KOTA-MATARAM	0238z	25Oct2023	11.9m
NTB DOMPU BAGIAN SELATAN	0239z	25Oct2023	6.8m
NTT SUMBA BAGIAN BARAT	0240z	25Oct2023	4.3m
BALI TABANAN	0241z	25Oct2023	19.8m
NTB KOTA-BIMA BAGIAN SELATAN	0241z	25Oct2023	3.6m
JABAR GARUT	0242z	25Oct2023	6.0m
JATENG PURWOREJO	0243z	25Oct2023	11.9m
JABAR TASIKMALAYA	0244z	25Oct2023	8.5m
NTT SUMBA BAGIAN TIMUR	0244z	25Oct2023	3.9m
JABAR CIAMIS	0244z	25Oct2023	8.0m
BALI BULELENG BAGIAN TIMUR	0244z	25Oct2023	1.8m
JABAR CIANJUR SINDANGBARANG	0245z	25Oct2023	6.6m
JATENG KEBUMEN	0245z	25Oct2023	10.7m
NTB LOMBOK-TIMUR BAGIAN UTARA	0250z	25Oct2023	2.0m
JABAR SUKABUMI UJUNG-GENTENG	0250z	25Oct2023	7.0m
JATENG CILACAP	0252z	25Oct2023	10.4m
NTT KEPULAUAN MANGGARAI-BARAT	0253z	25Oct2023	4.2m

NTB BIMA PULAU GILI	0253z	250oct2023	3.3m
JABAR SUKABUMI PELABUHAN-RATU	0255z	250oct2023	4.1m
BANTEN LEBAK	0256z	250oct2023	4.1m
JATIM SUMENEP	0257z	250oct2023	1.1m
BANTEN PANDEGLANG BAGIAN SELATAN	0258z	250oct2023	4.3m
BALI BULELENG BAGIAN BARAT	0259z	250oct2023	2.3m
NTT KUPANG	0300z	250oct2023	1.8m
NTT MANGGARAI-BARAT BAGIAN SELATAN	0301z	250oct2023	4.3m
BANTEN PANDEGLANG PULAU PANAITAN	0302z	250oct2023	3.4m
NTB SUMBAWA BAGIAN UTARA	0304z	250oct2023	1.4m
NTB BIMA	0309z	250oct2023	1.0m
JATIM SITUBONDO	0311z	250oct2023	1.0m
NTB SUMBAWA	0313z	250oct2023	1.2m
NTT ROTENDAO	0314z	250oct2023	2.7m
NTT MANGGARAI BAGIAN SELATAN	0316z	250oct2023	2.9m
NTB KOTA-BIMA BAGIAN UTARA	0322z	250oct2023	1.0m
NTT NGADA BAGIAN SELATAN	0326z	250oct2023	3.4m
NTB DOMPU BAGIAN BARAT	0328z	250oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0332z	250oct2023	2.7m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0333z	250oct2023	2.5m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0333z	250oct2023	2.2m
LAMPUNG TANGGAMUS BAGIAN BARAT	0338z	250oct2023	2.3m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	0340z	250oct2023	2.1m
BANTEN PANDEGLANG BAGIAN UTARA	0341z	250oct2023	2.0m
LAMPUNG TANGGAMUS PULAU TABUAN	0341z	250oct2023	1.6m
NTT ENDE BAGIAN SELATAN	0344z	250oct2023	2.8m
NTT FLORES-TIMUR PULAU ADONARA	0344z	250oct2023	1.0m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0345z	250oct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	0345z	250oct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	0347z	250oct2023	2.5m
NTT SIKKA BAGIAN SELATAN	0349z	250oct2023	2.2m
NTT LEMBATA BAGIAN UTARA	0350z	250oct2023	0.5m
NTB BIMA PULAU SANGIANG	0351z	250oct2023	1.1m
NTT FLORES-TIMUR BAGIAN SELATAN	0354z	250oct2023	1.5m
BENGKULU KAUR	0358z	250oct2023	2.0m
NTT FLORES-TIMUR PULAU SOLOR	0400z	250oct2023	1.6m
NTT LEMBATA BAGIAN SELATAN	0404z	250oct2023	1.9m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0406z	250oct2023	3.1m
NTT ALOR BAGIAN SELATAN	0408z	250oct2023	1.4m
NTT TIMOR-TENGAH-UTARA	0413z	250oct2023	1.4m
NTT KOTA-KUPANG	0416z	250oct2023	2.9m
BENGKULU SELUMA	0416z	250oct2023	2.6m
NTT BELU BAGIAN UTARA	0424z	250oct2023	0.9m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0427z	250oct2023	1.9m
NTB DOMPU BAGIAN UTARA	0432z	250oct2023	0.9m
NTT ALOR BAGIAN UTARA	0456z	250oct2023	0.5m
NTT TIMOR-TENGAH-SELATAN	0500z	250oct2023	0.6m
BENGKULU BENGKULU-SELATAN	0507z	250oct2023	1.9m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0528z	250oct2023	1.9m
NTT SIKKA BAGIAN UTARA	0535z	250oct2023	0.7m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0540z	250oct2023	2.0m
SULSEL JENEPONTO	0541z	250oct2023	0.9m
SULSEL MAROS	0543z	250oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	0549z	250oct2023	1.4m
SULSEL TAKALAR	0558z	250oct2023	0.8m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0602z	250oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0620z	250oct2023	0.9m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0627z	250oct2023	1.0m
BANTEN KOTA-CILEGON PULAU SANGIA	0633z	250oct2023	1.4m

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NTT FLORES-TIMUR BAGIAN UTARA	0635z	25Oct2023	0.7m
BANTEN SERANG BAGIAN BARAT	0639z	25Oct2023	1.6m
NTT PULAU ENDE	0641z	25Oct2023	0.5m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	0642z	25Oct2023	1.5m
BENGKULU MUKOMUKO	0647z	25Oct2023	1.8m
BANTEN KOTA-CILEGON	0649z	25Oct2023	1.8m
JATIM PAMEKASAN	0716z	25Oct2023	0.5m
SULSEL SELAYAR	0723z	25Oct2023	0.5m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	0730z	25Oct2023	0.5m
JATIM SAMPANG	0740z	25Oct2023	0.5m
SULSEL PANGKAJENE-KEPULAUAN	0745z	25Oct2023	0.9m
NTT PULAU SIKKA	0747z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	0804z	25Oct2023	1.1m
NTT ENDE BAGIAN UTARA	0805z	25Oct2023	0.5m
SULSEL BANTAENG	0817z	25Oct2023	1.2m
SUMBAR KOTA-PADANG BAGIAN UTARA	0826z	25Oct2023	0.5m
NTT MANGGARAI-BARAT BAGIAN UTARA	0832z	25Oct2023	0.5m
SUMUT NIAS-BAGIAN BARAT	0840z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0842z	25Oct2023	0.6m
SUMBAR PASAMAN-BARAT	0910z	25Oct2023	0.5m
JATIM BANGKALAN	0911z	25Oct2023	0.6m
SULSEL BARRU	0933z	25Oct2023	0.5m
SULSEL KOTA-MAKASSAR	0933z	25Oct2023	0.9m
SUMBAR KOTA-PADANG BAGIAN SELATAN	0934z	25Oct2023	1.0m
SUMUT NIAS-SELATAN PULAU NIAS	0943z	25Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	0943z	25Oct2023	0.6m
NAD ACEH-BESAR BAGIAN BARAT	0956z	25Oct2023	0.7m
JATIM PASURUAN	1007z	25Oct2023	0.5m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	1038z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANABALA	1047z	25Oct2023	0.7m
JATIM PROBOLINGGO	1052z	25Oct2023	0.5m
NAD SIMEULUE PULAU SIMEULUE	1132z	25Oct2023	0.5m
NTT MANGGARAI BAGIAN UTARA	1132z	25Oct2023	0.5m
NTT BELU BAGIAN SELATAN	1134z	25Oct2023	0.6m
SUMBAR AGAM	1208z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU PINI	1209z	25Oct2023	0.7m
NAD ACEH-JAYA	1209z	25Oct2023	0.6m
KALSEL TANAHLAUT	1209z	25Oct2023	0.5m
SUMUT KOTA-SIBOLGA	1214z	25Oct2023	0.5m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1232z	25Oct2023	0.5m
SUMBAR KOTA-PARIAMAN	1240z	25Oct2023	0.5m
SULSEL SINJAI	1249z	25Oct2023	0.6m
SULSEL PINRANG	1303z	25Oct2023	0.5m
SULSEL KOTA-PARE-PARE	1304z	25Oct2023	0.5m
JATIM KOTA-PASURUAN	1331z	25Oct2023	0.5m
SUMUT MANDAILING-NATAL BAGIAN UTARA	1334z	25Oct2023	0.6m

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MADAGASCAR  
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FARAFAGANA	1114z	25Oct2023	1.2m
AMBAHY	1116z	25Oct2023	1.4m
TOAMASINA AIRPORT	1200z	25Oct2023	0.8m
VOHEMAR	1202z	25Oct2023	0.5m
TAMPOLO	1215z	25Oct2023	0.7m
MANANTENINA	1218z	25Oct2023	0.6m
SAMPONA	1257z	25Oct2023	0.5m

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MALDIVES

HITHADHOO	0829z	25Oct2023	0.9m
DHIYAMIGILI	0837z	25Oct2023	1.0m
THINADHOO	0840z	25Oct2023	0.9m
KOLHUFUSHI	0853z	25Oct2023	0.7m
MALE	0858z	25Oct2023	0.6m
KULHUDUFFUSHI	0907z	25Oct2023	0.7m
NILANDHOO	1024z	25Oct2023	0.6m
FERIDHOO	1327z	25Oct2023	0.5m

MAURITIUS

LA FERME	0849z	25Oct2023	1.1m
CARGADOS CARAJOS	0932z	25Oct2023	1.4m
GRANDE REVIERE SUD EST-EAST	0940z	25Oct2023	3.9m
GRANDE REVIERE SUD EST-WEST	1059z	25Oct2023	0.9m

OMAN

TAQAH	1340z	25Oct2023	0.6m
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SEYCHELLES

FREGATE ISLAND	1345z	25Oct2023	0.6m
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SOMALIA

GALDOGOB	1249z	25Oct2023	0.5m
ITALA	1253z	25Oct2023	0.5m
CEEL DHEER	1255z	25Oct2023	0.5m
MAREEG	1258z	25Oct2023	0.7m
XARARDHEERE	1303z	25Oct2023	0.6m

SOUTH AFRICA

FUNK SEAMOUNT	1335z	25Oct2023	0.6m
NGQUELENI	1358z	25Oct2023	0.5m
ELLIOTDALE	1359z	25Oct2023	0.5m

SRI LANKA

KIRINDA	0813z	25Oct2023	1.3m
GALLE	0830z	25Oct2023	0.9m
OKANDA	0839z	25Oct2023	1.1m
MATARA	0841z	25Oct2023	1.0m
HAMBANTOTA	0842z	25Oct2023	1.8m
AKKARAI PATTU	0937z	25Oct2023	0.7m
BATTICALOA	0938z	25Oct2023	0.7m
KATTANKUDI	0955z	25Oct2023	0.7m
TANGALLE	1006z	25Oct2023	0.7m
AMBALANGODA	1054z	25Oct2023	0.6m
BERUWALA	1118z	25Oct2023	0.7m

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COLOMBO	1131z	25Oct2023	0.6m
MORATUWA	1235z	25Oct2023	0.9m
MULLAITTIVU	1252z	25Oct2023	0.5m
PANKULAM	1253z	25Oct2023	0.5m
NEGOMBO	1315z	25Oct2023	0.5m
POTTUVIL	1316z	25Oct2023	0.8m

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TIMOR-LESTE

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PANTE MACASSAR	0414z	25Oct2023	1.3m
BOBONARO	0423z	25Oct2023	1.7m
LIQUICA	0425z	25Oct2023	1.1m
DILI	0547z	25Oct2023	0.9m
BAUCAU	0602z	25Oct2023	0.7m
COVALIMA	0951z	25Oct2023	0.6m
MANUFAHI	1041z	25Oct2023	0.6m
MANATUTO NORTH	1106z	25Oct2023	0.5m
AINARO	1117z	25Oct2023	0.5m

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UNITED KINGDOM

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DIEGO GARCIA	0745z	25Oct2023	1.3m
MORESBY ISLAND	0830z	25Oct2023	0.9m
NW EGMONT ISLAND	0843z	25Oct2023	1.1m

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YEMEN

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SOCOTRA ISLAND SOUTH	1229z	25Oct2023	0.8m
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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](mailto:inartsp@bmkg.go.id)

monitrtwp@bmkgo.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-20231025-0500-006

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TSUNAMI BULLETIN NUMBER 6 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 0500 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

## 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)
DART 53046	AUSTRALIA	11.45S	113.61E	0210z	UTC 25 Oct 2023	3.5m
Benoa	INDONESIA	8.77S	115.22E	0226z	UTC 25 Oct 2023	11.8m
Christmas Island	AUSTRALIA	10.43S	105.67E	0230z	UTC 25 Oct 2023	1.1m
DART 56001	AUSTRALIA	14.05S	110.03E	0236z	UTC 25 Oct 2023	2.3m
DART 56003	AUSTRALIA	15.02S	118.07E	0236z	UTC 25 Oct 2023	1.0m
Prigi	INDONESIA	8.28S	111.73E	0236z	UTC 25 Oct 2023	9.1m
Sadeng	INDONESIA	8.19S	110.80E	0240z	UTC 25 Oct 2023	17.6m
Waikelo	INDONESIA	9.39S	119.22E	0247z	UTC 25 Oct 2023	5.2m
Lembar	INDONESIA	8.73S	116.07E	0248z	UTC 25 Oct 2023	7.9m
Cilacap	INDONESIA	7.75S	109.00E	0251z	UTC 25 Oct 2023	11.5m
Pangandaran	INDONESIA	7.75S	108.50E	0254z	UTC 25 Oct 2023	9.0m
Rote	INDONESIA	10.71S	123.06E	0318z	UTC 25 Oct 2023	0.9m
Enggano	INDONESIA	5.35S	102.28E	0335z	UTC 25 Oct 2023	2.4m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0342z	UTC 25 Oct 2023	2.0m
Cocos Island	AUSTRALIA	12.12S	96.89E	0346z	UTC 25 Oct 2023	0.7m
Sebesi Island	INDONESIA	5.94S	105.51E	0349z	UTC 25 Oct 2023	2.9m
Marina Jambu	INDONESIA	6.19S	105.84E	0352z	UTC 25 Oct 2023	1.5m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0423z	UTC 25 Oct 2023	18.0m
Seblat	INDONESIA	3.22S	101.60E	0427z	UTC 25 Oct 2023	1.7m
Tanahbala	INDONESIA	0.53S	98.50E	0438z	UTC 25 Oct 2023	0.5m
Telukdalam	INDONESIA	0.55N	97.82E	0442z	UTC 25 Oct 2023	1.0m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0446z	UTC 25 Oct 2023	6.9m
Bungus Port	INDONESIA	1.03S	100.40E	0459z	UTC 25 Oct 2023	1.0m



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

### 3. TSUNAMI THREAT FOR THE INDIAN OCEAN

The list below shows the forecast arrival time of the first wave estimated to exceed 0.5m amplitude at the beach in each zone (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

CHRISTMAS ISLAND	0232z	25Oct2023	4.2m
ASHMORE REEF	0320z	25Oct2023	1.5m
COCOS ISLAND	0351z	25Oct2023	1.3m
NINGALOO COAST	0404z	25Oct2023	16.1m
PILBARA COAST WEST	0410z	25Oct2023	7.5m
PILBARA COAST EAST	0433z	25Oct2023	4.4m
WEST KIMBERLY COAST	0434z	25Oct2023	2.4m
GASCOYNE COAST	0452z	25Oct2023	4.3m
GERALDTON COAST	0507z	25Oct2023	1.9m
NORTH KIMBERLY COAST	0509z	25Oct2023	1.1m
LANCELIN COAST	0528z	25Oct2023	1.1m
PERTH COAST	0542z	25Oct2023	1.2m
BUNBURY GEOGRAPHE COAST	0555z	25Oct2023	1.5m
LEEWIN COAST	0610z	25Oct2023	1.2m
ALBANY COAST	0706z	25Oct2023	0.5m
HEARD ISLAND AND MCDONALD ISLANDS	1033z	25Oct2023	3.1m
AURORA BANK	1050z	25Oct2023	1.6m

#### FRANCE

ILE SAINT-PAUL-NORTH	0805z	25Oct2023	1.1m
ILE SAINT-PAUL-SOUTH	0831z	25Oct2023	1.0m
ILE KERGUELEN	1028z	25Oct2023	3.1m
SAINT-DENIS	1107z	25Oct2023	0.5m
ILE DE LA POSSESSION	1108z	25Oct2023	1.1m
SAINT - JOSEPH	1113z	25Oct2023	0.7m
CROZET PLATEAU	1136z	25Oct2023	1.6m
NES CROZET	1202z	25Oct2023	0.8m

#### INDIA

MINICOY	0939z	25Oct2023	0.5m
ALLEPPEY ALAPPUZHA	1019z	25Oct2023	0.5m
KANYAKUMARI	1051z	25Oct2023	0.8m
MACHILIPATNAM	1055z	25Oct2023	0.6m
ENNORE	1103z	25Oct2023	0.6m
KAKINADA	1118z	25Oct2023	0.6m
VISAKHAPATNAM	1123z	25Oct2023	0.5m
KOODANKULAM	1132z	25Oct2023	0.5m
PERUPALEM	1133z	25Oct2023	1.0m
NIJAMPATTANAM	1200z	25Oct2023	0.6m
CHENNAI	1208z	25Oct2023	0.5m
MAHABALIPURAM	1210z	25Oct2023	0.5m
KAVARATTI	1320z	25Oct2023	0.5m
MARAKKANAM	1326z	25Oct2023	0.5m

INDONESIA

NTB LOMBOK-BARAT BAGIAN SELATAN	0218z	25Oct2023	8.8m
NTB SUMBAWA BAGIAN BARAT	0220z	25Oct2023	6.0m
JATIM BANYUWANGI BAGIAN SELATAN	0221z	25Oct2023	26.4m
BALI BADUNG PANTAI-KUTA	0221z	25Oct2023	16.1m
BALI KLUNGKUNG PULAU NUSAPENIDA	0221z	25Oct2023	13.5m
NTB LOMBOK-TENGAH	0222z	25Oct2023	11.3m
JATIM JEMBER PULAU NUSABARUNG	0223z	25Oct2023	22.1m
NTB SUMBAWA BAGIAN SELATAN	0224z	25Oct2023	5.9m
JATIM JEMBER	0225z	25Oct2023	28.4m
JATIM MALANG	0225z	25Oct2023	23.5m
NTB LOMBOK-TIMUR BAGIAN SELATAN	0225z	25Oct2023	8.4m
JATIM BANYUWANGI BAGIAN TIMUR	0226z	25Oct2023	9.8m
JATIM BLITAR	0228z	25Oct2023	22.6m
JATIM TULUNGAGUNG	0228z	25Oct2023	19.4m
JATIM TRENGGALEK	0229z	25Oct2023	28.4m
BALI KARANG-ASEM BAGIAN SELATAN	0231z	25Oct2023	8.6m
JATENG WONOGIRI	0231z	25Oct2023	29.4m
BALI JEMBRANA	0231z	25Oct2023	10.4m
DIY GUNUNG-KIDUL	0232z	25Oct2023	23.8m
BALI KLUNGKUNG	0232z	25Oct2023	8.3m
BALI DENPASAR PANTAI-SANUR	0233z	25Oct2023	13.5m
BALI KARANG-ASEM BAGIAN UTARA	0233z	25Oct2023	2.2m
JATIM PACITAN	0233z	25Oct2023	27.2m
BALI GIANYAR	0234z	25Oct2023	10.4m
DIY BANTUL	0235z	25Oct2023	13.4m
NTB LOMBOK-BARAT BAGIAN UTARA	0235z	25Oct2023	2.6m
NTB LOMBOK-TIMUR BAGIAN TIMUR	0236z	25Oct2023	8.1m
DIY KULON-PROGO	0237z	25Oct2023	15.8m
JATIM LUMAJANG	0237z	25Oct2023	29.5m
NTB KOTA-MATARAM	0238z	25Oct2023	11.9m
NTB DOMPU BAGIAN SELATAN	0239z	25Oct2023	6.8m
NTT SUMBA BAGIAN BARAT	0240z	25Oct2023	4.3m
BALI TABANAN	0241z	25Oct2023	19.8m
NTB KOTA-BIMA BAGIAN SELATAN	0241z	25Oct2023	3.6m
JABAR GARUT	0242z	25Oct2023	6.0m
JATENG PURWOREJO	0243z	25Oct2023	11.9m
JABAR TASIKMALAYA	0244z	25Oct2023	8.5m
NTT SUMBA BAGIAN TIMUR	0244z	25Oct2023	3.9m
JABAR CIAMIS	0244z	25Oct2023	8.0m
BALI BULELENG BAGIAN TIMUR	0244z	25Oct2023	1.8m

JABAR CIANJUR SINDANGBARANG	0245z	250oct2023	6.6m
JATENG KEBUMEN	0245z	250oct2023	10.7m
NTB LOMBOK-TIMUR BAGIAN UTARA	0250z	250oct2023	2.0m
JABAR SUKABUMI UJUNG-GENTENG	0250z	250oct2023	7.0m
JATENG CILACAP	0252z	250oct2023	10.4m
NTT KEPULAUAN MANGGARAI-BARAT	0253z	250oct2023	4.2m
NTB BIMA PULAU GILI	0253z	250oct2023	3.3m
JABAR SUKABUMI PELABUHAN-RATU	0255z	250oct2023	4.1m
BANTEN LEBAK	0256z	250oct2023	4.1m
JATIM SUMENEP	0257z	250oct2023	1.1m
BANTEN PANDEGLANG BAGIAN SELATAN	0258z	250oct2023	4.3m
BALI BULELENG BAGIAN BARAT	0259z	250oct2023	2.3m
NTT KUPANG	0300z	250oct2023	1.8m
NTT MANGGARAI-BARAT BAGIAN SELATAN	0301z	250oct2023	4.3m
BANTEN PANDEGLANG PULAU PANAITAN	0302z	250oct2023	3.4m
NTB SUMBAWA BAGIAN UTARA	0304z	250oct2023	1.4m
NTB BIMA	0309z	250oct2023	1.0m
JATIM SITUBONDO	0311z	250oct2023	1.0m
NTB SUMBAWA	0313z	250oct2023	1.2m
NTT ROTENDAO	0314z	250oct2023	2.7m
NTT MANGGARAI BAGIAN SELATAN	0316z	250oct2023	2.9m
NTB KOTA-BIMA BAGIAN UTARA	0322z	250oct2023	1.0m
NTT NGADA BAGIAN SELATAN	0326z	250oct2023	3.4m
NTB DOMPU BAGIAN BARAT	0328z	250oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0332z	250oct2023	2.7m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0333z	250oct2023	2.5m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0333z	250oct2023	2.2m
LAMPUNG TANGGAMUS BAGIAN BARAT	0338z	250oct2023	2.3m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	0340z	250oct2023	2.1m
BANTEN PANDEGLANG BAGIAN UTARA	0341z	250oct2023	2.0m
LAMPUNG TANGGAMUS PULAU TABUAN	0341z	250oct2023	1.6m
NTT ENDE BAGIAN SELATAN	0344z	250oct2023	2.8m
NTT FLORES-TIMUR PULAU ADONARA	0344z	250oct2023	1.0m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0345z	250oct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	0345z	250oct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	0347z	250oct2023	2.5m
NTT SIKKA BAGIAN SELATAN	0349z	250oct2023	2.2m
NTT LEMBATA BAGIAN UTARA	0350z	250oct2023	0.5m
NTB BIMA PULAU SANGIANG	0351z	250oct2023	1.1m
NTT FLORES-TIMUR BAGIAN SELATAN	0354z	250oct2023	1.5m
BENGKULU KAUR	0358z	250oct2023	2.0m
NTT FLORES-TIMUR PULAU SOLOR	0400z	250oct2023	1.6m
NTT LEMBATA BAGIAN SELATAN	0404z	250oct2023	1.9m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0406z	250oct2023	3.1m
NTT ALOR BAGIAN SELATAN	0408z	250oct2023	1.4m
NTT TIMOR-TENGAH-UTARA	0413z	250oct2023	1.4m
NTT KOTA-KUPANG	0416z	250oct2023	2.9m
BENGKULU SELUMA	0416z	250oct2023	2.6m
NTT BELU BAGIAN UTARA	0424z	250oct2023	0.9m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0427z	250oct2023	1.9m
NTB DOMPU BAGIAN UTARA	0432z	250oct2023	0.9m
NTT ALOR BAGIAN UTARA	0456z	250oct2023	0.5m
NTT TIMOR-TENGAH-SELATAN	0500z	250oct2023	0.6m
BENGKULU BENGKULU-SELATAN	0507z	250oct2023	1.9m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0528z	250oct2023	1.9m
NTT SIKKA BAGIAN UTARA	0535z	250oct2023	0.7m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0540z	250oct2023	2.0m
SULSEL JENEPONTO	0541z	250oct2023	0.9m
SULSEL MAROS	0543z	250oct2023	0.8m

BENGKULU BENGKULU-UTARA BAGIAN UTARA	0549z	25Oct2023	1.4m
SULSEL TAKALAR	0558z	25Oct2023	0.8m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0602z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0620z	25Oct2023	0.9m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0627z	25Oct2023	1.0m
BANTEN KOTA-CILEGON PULAU SANGIA	0633z	25Oct2023	1.4m
NTT FLORES-TIMUR BAGIAN UTARA	0635z	25Oct2023	0.7m
BANTEN SERANG BAGIAN BARAT	0639z	25Oct2023	1.6m
NTT PULAU ENDE	0641z	25Oct2023	0.5m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	0642z	25Oct2023	1.5m
BENGKULU MUKOMUKO	0647z	25Oct2023	1.8m
BANTEN KOTA-CILEGON	0649z	25Oct2023	1.8m
JATIM PAMEKASAN	0716z	25Oct2023	0.5m
SULSEL SELAYAR	0723z	25Oct2023	0.5m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	0730z	25Oct2023	0.5m
JATIM SAMPANG	0740z	25Oct2023	0.5m
SULSEL PANGKAJENE-KEPULAUAN	0745z	25Oct2023	0.9m
NTT PULAU SIKKA	0747z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	0804z	25Oct2023	1.1m
NTT ENDE BAGIAN UTARA	0805z	25Oct2023	0.5m
SULSEL BANTAENG	0817z	25Oct2023	1.2m
SUMBAR KOTA-PADANG BAGIAN UTARA	0826z	25Oct2023	0.5m
NTT MANGGARAI-BARAT BAGIAN UTARA	0832z	25Oct2023	0.5m
SUMUT NIAS BAGIAN BARAT	0840z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0842z	25Oct2023	0.6m
SUMBAR PASAMAN-BARAT	0910z	25Oct2023	0.5m
JATIM BANGKALAN	0911z	25Oct2023	0.6m
SULSEL BARRU	0933z	25Oct2023	0.5m
SULSEL KOTA-MAKASSAR	0933z	25Oct2023	0.9m
SUMBAR KOTA-PADANG BAGIAN SELATAN	0934z	25Oct2023	1.0m
SUMUT NIAS-SELATAN PULAU NIAS	0943z	25Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	0943z	25Oct2023	0.6m
NAD ACEH-BESAR BAGIAN BARAT	0956z	25Oct2023	0.7m
JATIM PASURUAN	1007z	25Oct2023	0.5m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	1038z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANABALA	1047z	25Oct2023	0.7m
JATIM PROBOLINGGO	1052z	25Oct2023	0.5m
NAD SIMEULUE PULAU SIMEULUE	1132z	25Oct2023	0.5m
NTT MANGGARAI BAGIAN UTARA	1132z	25Oct2023	0.5m
NTT BELU BAGIAN SELATAN	1134z	25Oct2023	0.6m
SUMBAR AGAM	1208z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU PINI	1209z	25Oct2023	0.7m
NAD ACEH-JAYA	1209z	25Oct2023	0.6m
KALSEL TANAHLAUT	1209z	25Oct2023	0.5m
SUMUT KOTA-SIBOLGA	1214z	25Oct2023	0.5m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1232z	25Oct2023	0.5m
SUMBAR KOTA-PARIAMAN	1240z	25Oct2023	0.5m
SULSEL SINJAI	1249z	25Oct2023	0.6m
SULSEL PINRANG	1303z	25Oct2023	0.5m
SULSEL KOTA-PARE-PARE	1304z	25Oct2023	0.5m
JATIM KOTA-PASURUAN	1331z	25Oct2023	0.5m
SUMUT MANDAILING-NATAL BAGIAN UTARA	1334z	25Oct2023	0.6m

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MADAGASCAR

FARAFAGANA	1114z	25Oct2023	1.2m
AMBAHY	1116z	25Oct2023	1.4m
TOAMASINA AIRPORT	1200z	25Oct2023	0.8m

VOHEMAR	1202z	25Oct2023	0.5m
TAMPOLO	1215z	25Oct2023	0.7m
MANANTENINA	1218z	25Oct2023	0.6m
SAMPONA	1257z	25Oct2023	0.5m

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MALDIVES

HITHADHOO	0829z	25Oct2023	0.9m
DHIYAMIGILI	0837z	25Oct2023	1.0m
THINADHOO	0840z	25Oct2023	0.9m
KOLHUFUSHI	0853z	25Oct2023	0.7m
MALE	0858z	25Oct2023	0.6m
KULHUDUFFUSHI	0907z	25Oct2023	0.7m
NILANDHOO	1024z	25Oct2023	0.6m
FERIDHOO	1327z	25Oct2023	0.5m

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MAURITIUS

LA FERME	0849z	25Oct2023	1.1m
CARGADOS CARAJOS	0932z	25Oct2023	1.4m
GRANDE REVIERE SUD EST-EAST	0940z	25Oct2023	3.9m
GRANDE REVIERE SUD EST-WEST	1059z	25Oct2023	0.9m

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OMAN

TAQAH	1340z	25Oct2023	0.6m
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SEYCHELLES

FREGATE ISLAND	1345z	25Oct2023	0.6m
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SOMALIA

GALDOGOB	1249z	25Oct2023	0.5m
ITALA	1253z	25Oct2023	0.5m
CEEL DHEER	1255z	25Oct2023	0.5m
MAREEG	1258z	25Oct2023	0.7m
XARARDHEERE	1303z	25Oct2023	0.6m

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SOUTH AFRICA

FUNK SEAMOUNT	1335z	25Oct2023	0.6m
NGQUELENI	1358z	25Oct2023	0.5m
ELLIOTDALE	1359z	25Oct2023	0.5m

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SRI LANKA

KIRINDA	0813z	25Oct2023	1.3m
GALLE	0830z	25Oct2023	0.9m
OKANDA	0839z	25Oct2023	1.1m
MATARA	0841z	25Oct2023	1.0m
HAMBANTOTA	0842z	25Oct2023	1.8m

AKKARAI PATTU	0937z	25Oct2023	0.7m
BATTICALOA	0938z	25Oct2023	0.7m
KATTANKUDI	0955z	25Oct2023	0.7m
TANGALLE	1006z	25Oct2023	0.7m
AMBALANGODA	1054z	25Oct2023	0.6m
BERUWALA	1118z	25Oct2023	0.7m
COLOMBO	1131z	25Oct2023	0.6m
MORATUWA	1235z	25Oct2023	0.9m
MULLAITTIVU	1252z	25Oct2023	0.5m
PANKULAM	1253z	25Oct2023	0.5m
NEGOMBO	1315z	25Oct2023	0.5m
POTTUVIL	1316z	25Oct2023	0.8m

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TIMOR-LESTE  
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PANTE MACASSAR	0414z	25Oct2023	1.3m
BOBONARO	0423z	25Oct2023	1.7m
LIQUICA	0425z	25Oct2023	1.1m
DILI	0547z	25Oct2023	0.9m
BAUCAU	0602z	25Oct2023	0.7m
COVALIMA	0951z	25Oct2023	0.6m
MANUFAHI	1041z	25Oct2023	0.6m
MANATUTO NORTH	1106z	25Oct2023	0.5m
AINARO	1117z	25Oct2023	0.5m

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UNITED KINGDOM  
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DIEGO GARCIA	0745z	25Oct2023	1.3m
MORESBY ISLAND	0830z	25Oct2023	0.9m
NW EGMONT ISLAND	0843z	25Oct2023	1.1m

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YEMEN  
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SOCOTRA ISLAND SOUTH	1229z	25Oct2023	0.8m
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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](mailto:inartsp@bmkg.go.id)  
[monitrtwp@bmkg.go.id](mailto:monitrtwp@bmkg.go.id)

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-20231025-0600-007

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TSUNAMI BULLETIN NUMBER 7 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 0600 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

### 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)
DART 53046	AUSTRALIA	11.45S	113.61E	0210z	UTC 25 Oct 2023	3.5m
Benoa	INDONESIA	8.77S	115.22E	0226z	UTC 25 Oct 2023	11.8m
Christmas Island	AUSTRALIA	10.43S	105.67E	0230z	UTC 25 Oct 2023	1.1m
DART 56001	AUSTRALIA	14.05S	110.03E	0236z	UTC 25 Oct 2023	2.3m
DART 56003	AUSTRALIA	15.02S	118.07E	0236z	UTC 25 Oct 2023	1.0m
Prigi	INDONESIA	8.28S	111.73E	0236z	UTC 25 Oct 2023	9.1m
Sadeng	INDONESIA	8.19S	110.80E	0240z	UTC 25 Oct 2023	17.6m
Waikelo	INDONESIA	9.39S	119.22E	0247z	UTC 25 Oct 2023	5.2m
Lembar	INDONESIA	8.73S	116.07E	0248z	UTC 25 Oct 2023	7.9m
Cilacap	INDONESIA	7.75S	109.00E	0251z	UTC 25 Oct 2023	11.5m
Pangandaran	INDONESIA	7.75S	108.50E	0254z	UTC 25 Oct 2023	9.0m
Rote	INDONESIA	10.71S	123.06E	0318z	UTC 25 Oct 2023	0.9m
Enggano	INDONESIA	5.35S	102.28E	0335z	UTC 25 Oct 2023	2.4m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0342z	UTC 25 Oct 2023	2.0m
Cocos Island	AUSTRALIA	12.12S	96.89E	0346z	UTC 25 Oct 2023	0.7m
Sebesi Island	INDONESIA	5.94S	105.51E	0349z	UTC 25 Oct 2023	2.9m
Marina Jambu	INDONESIA	6.19S	105.84E	0352z	UTC 25 Oct 2023	1.5m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0423z	UTC 25 Oct 2023	18.0m
Seblat	INDONESIA	3.22S	101.60E	0427z	UTC 25 Oct 2023	1.7m
Tanahbala	INDONESIA	0.53S	98.50E	0438z	UTC 25 Oct 2023	0.5m
Telukdalam	INDONESIA	0.55N	97.82E	0442z	UTC 25 Oct 2023	1.0m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0446z	UTC 25 Oct 2023	6.9m
Bungus Port	INDONESIA	1.03S	100.40E	0459z	UTC 25 Oct 2023	1.0m
Ambon	INDONESIA	3.68S	128.18E	0503z	UTC 25 Oct 2023	1.7m



Padang	INDONESIA	0.95S 100.37E	0509z UTC 25 Oct 2023	0.4m
Broome	AUSTRALIA	18.00S 122.22E	0542z UTC 25 Oct 2023	1.0m
Port Hedland	AUSTRALIA	20.04S 118.42E	0556z UTC 25 Oct 2023	2.0m

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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

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CHRISTMAS ISLAND	0232z	25Oct2023	4.2m
ASHMORE REEF	0320z	25Oct2023	1.5m
COCOS ISLAND	0351z	25Oct2023	1.3m
NINGALOO COAST	0404z	25Oct2023	16.1m
PILBARA COAST WEST	0410z	25Oct2023	7.5m
PILBARA COAST EAST	0433z	25Oct2023	4.4m
WEST KIMBERLY COAST	0434z	25Oct2023	2.4m
GASCOYNE COAST	0452z	25Oct2023	4.3m
GERALDTON COAST	0507z	25Oct2023	1.9m
NORTH KIMBERLY COAST	0509z	25Oct2023	1.1m
LANCELIN COAST	0528z	25Oct2023	1.1m
PERTH COAST	0542z	25Oct2023	1.2m
BUNBURY GEOGRAPHE COAST	0555z	25Oct2023	1.5m
LEEWIN COAST	0610z	25Oct2023	1.2m
ALBANY COAST	0706z	25Oct2023	0.5m
HEARD ISLAND AND MCDONALD ISLANDS	1033z	25Oct2023	3.1m
AURORA BANK	1050z	25Oct2023	1.6m

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#### FRANCE

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ILE SAINT-PAUL-NORTH	0805z	25Oct2023	1.1m
ILE SAINT-PAUL-SOUTH	0831z	25Oct2023	1.0m
ILE KERGUELEN	1028z	25Oct2023	3.1m
SAINT-DENIS	1107z	25Oct2023	0.5m
ILE DE LA POSSESSION	1108z	25Oct2023	1.1m
SAINT - JOSEPH	1113z	25Oct2023	0.7m
CROZET PLATEAU	1136z	25Oct2023	1.6m

NES CROZET 1202z 25Oct2023 0.8m

INDIA

MINICOY 0939z 25Oct2023 0.5m  
ALLEPPEY ALAPPUZHA 1019z 25Oct2023 0.5m  
KANYAKUMARI 1051z 25Oct2023 0.8m  
MACHILIPATNAM 1055z 25Oct2023 0.6m  
ENNORE 1103z 25Oct2023 0.6m  
KAKINADA 1118z 25Oct2023 0.6m  
VISAKHAPATNAM 1123z 25Oct2023 0.5m  
KODANKULAM 1132z 25Oct2023 0.5m  
PERUPALEM 1133z 25Oct2023 1.0m  
NIJAMPATTANAM 1200z 25Oct2023 0.6m  
CHENNAI 1208z 25Oct2023 0.5m  
MAHABALIPURAM 1210z 25Oct2023 0.5m  
KAVARATTI 1320z 25Oct2023 0.5m  
MARAKKANAM 1326z 25Oct2023 0.5m

INDONESIA

NTB LOMBOK-BARAT BAGIAN SELATAN 0218z 25Oct2023 8.8m  
NTB SUMBAWA BAGIAN BARAT 0220z 25Oct2023 6.0m  
JATIM BANYUWANGI BAGIAN SELATAN 0221z 25Oct2023 26.4m  
BALI BADUNG PANTAI-KUTA 0221z 25Oct2023 16.1m  
BALI KLUNGKUNG PULAU NUSAPENIDA 0221z 25Oct2023 13.5m  
NTB LOMBOK-TENGAH 0222z 25Oct2023 11.3m  
JATIM JEMBER PULAU NUSABARUNG 0223z 25Oct2023 22.1m  
NTB SUMBAWA BAGIAN SELATAN 0224z 25Oct2023 5.9m  
JATIM JEMBER 0225z 25Oct2023 28.4m  
JATIM MALANG 0225z 25Oct2023 23.5m  
NTB LOMBOK-TIMUR BAGIAN SELATAN 0225z 25Oct2023 8.4m  
JATIM BANYUWANGI BAGIAN TIMUR 0226z 25Oct2023 9.8m  
JATIM BLITAR 0228z 25Oct2023 22.6m  
JATIM TULUNGAGUNG 0228z 25Oct2023 19.4m  
JATIM TRENGGALEK 0229z 25Oct2023 28.4m  
BALI KARANG-ASEM BAGIAN SELATAN 0231z 25Oct2023 8.6m  
JATENG WONOGIRI 0231z 25Oct2023 29.4m  
BALI JEMBRANA 0231z 25Oct2023 10.4m  
DIY GUNUNG-KIDUL 0232z 25Oct2023 23.8m  
BALI KLUNGKUNG 0232z 25Oct2023 8.3m  
BALI DENPASAR PANTAI-SANUR 0233z 25Oct2023 13.5m  
BALI KARANG-ASEM BAGIAN UTARA 0233z 25Oct2023 2.2m  
JATIM PACITAN 0233z 25Oct2023 27.2m  
BALI GIANYAR 0234z 25Oct2023 10.4m  
DIY BANTUL 0235z 25Oct2023 13.4m  
NTB LOMBOK-BARAT BAGIAN UTARA 0235z 25Oct2023 2.6m  
NTB LOMBOK-TIMUR BAGIAN TIMUR 0236z 25Oct2023 8.1m  
DIY KULON-PROGO 0237z 25Oct2023 15.8m  
JATIM LUMAJANG 0237z 25Oct2023 29.5m  
NTB KOTA-MATARAM 0238z 25Oct2023 11.9m  
NTB DOMPU BAGIAN SELATAN 0239z 25Oct2023 6.8m  
NTT SUMBA BAGIAN BARAT 0240z 25Oct2023 4.3m  
BALI TABANAN 0241z 25Oct2023 19.8m  
NTB KOTA-BIMA BAGIAN SELATAN 0241z 25Oct2023 3.6m  
JABAR GARUT 0242z 25Oct2023 6.0m  
JATENG PURWOREJO 0243z 25Oct2023 11.9m

JABAR TASIKMALAYA	0244z	250ct2023	8.5m
NTT SUMBA BAGIAN TIMUR	0244z	250ct2023	3.9m
JABAR CIAMIS	0244z	250ct2023	8.0m
BALI BULELENG BAGIAN TIMUR	0244z	250ct2023	1.8m
JABAR CIANJUR SINDANGBARANG	0245z	250ct2023	6.6m
JATENG KEBUMEN	0245z	250ct2023	10.7m
NTB LOMBOK-TIMUR BAGIAN UTARA	0250z	250ct2023	2.0m
JABAR SUKABUMI UJUNG-GENTENG	0250z	250ct2023	7.0m
JATENG CILACAP	0252z	250ct2023	10.4m
NTT KEPULAUAN MANGGARAI-BARAT	0253z	250ct2023	4.2m
NTB BIMA PULAU GILI	0253z	250ct2023	3.3m
JABAR SUKABUMI PELABUHAN-RATU	0255z	250ct2023	4.1m
BANTEN LEBAK	0256z	250ct2023	4.1m
JATIM SUMENEP	0257z	250ct2023	1.1m
BANTEN PANDEGLANG BAGIAN SELATAN	0258z	250ct2023	4.3m
BALI BULELENG BAGIAN BARAT	0259z	250ct2023	2.3m
NTT KUPANG	0300z	250ct2023	1.8m
NTT MANGGARAI-BARAT BAGIAN SELATAN	0301z	250ct2023	4.3m
BANTEN PANDEGLANG PULAU PANAITAN	0302z	250ct2023	3.4m
NTB SUMBAWA BAGIAN UTARA	0304z	250ct2023	1.4m
NTB BIMA	0309z	250ct2023	1.0m
JATIM SITUBONDO	0311z	250ct2023	1.0m
NTB SUMBAWA	0313z	250ct2023	1.2m
NTT ROTENDAO	0314z	250ct2023	2.7m
NTT MANGGARAI BAGIAN SELATAN	0316z	250ct2023	2.9m
NTB KOTA-BIMA BAGIAN UTARA	0322z	250ct2023	1.0m
NTT NGADA BAGIAN SELATAN	0326z	250ct2023	3.4m
NTB DOMPU BAGIAN BARAT	0328z	250ct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0332z	250ct2023	2.7m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0333z	250ct2023	2.5m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0333z	250ct2023	2.2m
LAMPUNG TANGGAMUS BAGIAN BARAT	0338z	250ct2023	2.3m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	0340z	250ct2023	2.1m
BANTEN PANDEGLANG BAGIAN UTARA	0341z	250ct2023	2.0m
LAMPUNG TANGGAMUS PULAU TABUAN	0341z	250ct2023	1.6m
NTT ENDE BAGIAN SELATAN	0344z	250ct2023	2.8m
NTT FLORES-TIMUR PULAU ADONARA	0344z	250ct2023	1.0m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0345z	250ct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	0345z	250ct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	0347z	250ct2023	2.5m
NTT SIKKA BAGIAN SELATAN	0349z	250ct2023	2.2m
NTT LEMBATA BAGIAN UTARA	0350z	250ct2023	0.5m
NTB BIMA PULAU SANGIANG	0351z	250ct2023	1.1m
NTT FLORES-TIMUR BAGIAN SELATAN	0354z	250ct2023	1.5m
BENGKULU KAUR	0358z	250ct2023	2.0m
NTT FLORES-TIMUR PULAU SOLOR	0400z	250ct2023	1.6m
NTT LEMBATA BAGIAN SELATAN	0404z	250ct2023	1.9m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0406z	250ct2023	3.1m
NTT ALOR BAGIAN SELATAN	0408z	250ct2023	1.4m
NTT TIMOR-TENGAH-UTARA	0413z	250ct2023	1.4m
NTT KOTA-KUPANG	0416z	250ct2023	2.9m
BENGKULU SELUMA	0416z	250ct2023	2.6m
NTT BELU BAGIAN UTARA	0424z	250ct2023	0.9m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0427z	250ct2023	1.9m
NTB DOMPU BAGIAN UTARA	0432z	250ct2023	0.9m
NTT ALOR BAGIAN UTARA	0456z	250ct2023	0.5m
NTT TIMOR-TENGAH-SELATAN	0500z	250ct2023	0.6m
BENGKULU BENGKULU-SELATAN	0507z	250ct2023	1.9m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0528z	250ct2023	1.9m

NTT SIKKA BAGIAN UTARA	0535z	25Oct2023	0.7m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0540z	25Oct2023	2.0m
SULSEL JENEPONTO	0541z	25Oct2023	0.9m
SULSEL MAROS	0543z	25Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	0549z	25Oct2023	1.4m
SULSEL TAKALAR	0558z	25Oct2023	0.8m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0602z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0620z	25Oct2023	0.9m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0627z	25Oct2023	1.0m
BANTEN KOTA-CILEGON PULAU SANGIA	0633z	25Oct2023	1.4m
NTT FLORES-TIMUR BAGIAN UTARA	0635z	25Oct2023	0.7m
BANTEN SERANG BAGIAN BARAT	0639z	25Oct2023	1.6m
NTT PULAU ENDE	0641z	25Oct2023	0.5m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	0642z	25Oct2023	1.5m
BENGKULU MUKOMUKO	0647z	25Oct2023	1.8m
BANTEN KOTA-CILEGON	0649z	25Oct2023	1.8m
JATIM PAMEKASAN	0716z	25Oct2023	0.5m
SULSEL SELAYAR	0723z	25Oct2023	0.5m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	0730z	25Oct2023	0.5m
JATIM SAMPANG	0740z	25Oct2023	0.5m
SULSEL PANGKAJENE-KEPULAUAN	0745z	25Oct2023	0.9m
NTT PULAU SIKKA	0747z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	0804z	25Oct2023	1.1m
NTT ENDE BAGIAN UTARA	0805z	25Oct2023	0.5m
SULSEL BANTAENG	0817z	25Oct2023	1.2m
SUMBAR KOTA-PADANG BAGIAN UTARA	0826z	25Oct2023	0.5m
NTT MANGGARAI-BARAT BAGIAN UTARA	0832z	25Oct2023	0.5m
SUMUT NIAS BAGIAN BARAT	0840z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0842z	25Oct2023	0.6m
SUMBAR PASAMAN-BARAT	0910z	25Oct2023	0.5m
JATIM BANGKALAN	0911z	25Oct2023	0.6m
SULSEL BARRU	0933z	25Oct2023	0.5m
SULSEL KOTA-MAKASSAR	0933z	25Oct2023	0.9m
SUMBAR KOTA-PADANG BAGIAN SELATAN	0934z	25Oct2023	1.0m
SUMUT NIAS-SELATAN PULAU NIAS	0943z	25Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	0943z	25Oct2023	0.6m
NAD ACEH-BESAR BAGIAN BARAT	0956z	25Oct2023	0.7m
JATIM PASURUAN	1007z	25Oct2023	0.5m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	1038z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANABALA	1047z	25Oct2023	0.7m
JATIM PROBOLINGGO	1052z	25Oct2023	0.5m
NAD SIMEULUE PULAU SIMEULUE	1132z	25Oct2023	0.5m
NTT MANGGARAI BAGIAN UTARA	1132z	25Oct2023	0.5m
NTT BELU BAGIAN SELATAN	1134z	25Oct2023	0.6m
SUMBAR AGAM	1208z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU PINI	1209z	25Oct2023	0.7m
NAD ACEH-JAYA	1209z	25Oct2023	0.6m
KALSEL TANAHLAUT	1209z	25Oct2023	0.5m
SUMUT KOTA-SIBOLGA	1214z	25Oct2023	0.5m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1232z	25Oct2023	0.5m
SUMBAR KOTA-PARIAMAN	1240z	25Oct2023	0.5m
SULSEL SINJAI	1249z	25Oct2023	0.6m
SULSEL PINRANG	1303z	25Oct2023	0.5m
SULSEL KOTA-PARE-PARE	1304z	25Oct2023	0.5m
JATIM KOTA-PASURUAN	1331z	25Oct2023	0.5m
SUMUT MANDAILING-NATAL BAGIAN UTARA	1334z	25Oct2023	0.6m

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MADAGASCAR

FARAFAGANA	1114z	25Oct2023	1.2m
AMBAHY	1116z	25Oct2023	1.4m
TOAMASINA AIRPORT	1200z	25Oct2023	0.8m
VOHEMAR	1202z	25Oct2023	0.5m
TAMPOLO	1215z	25Oct2023	0.7m
MANANTENINA	1218z	25Oct2023	0.6m
SAMPONA	1257z	25Oct2023	0.5m

MALDIVES

HITHADHOO	0829z	25Oct2023	0.9m
DHIYAMIGILI	0837z	25Oct2023	1.0m
THINADHOO	0840z	25Oct2023	0.9m
KOLHUFUSHI	0853z	25Oct2023	0.7m
MALE	0858z	25Oct2023	0.6m
KULHUDUFFUSHI	0907z	25Oct2023	0.7m
NILANDHOO	1024z	25Oct2023	0.6m
FERIDHOO	1327z	25Oct2023	0.5m

MAURITIUS

LA FERME	0849z	25Oct2023	1.1m
CARGADOS CARAJOS	0932z	25Oct2023	1.4m
GRANDE REVIERE SUD EST-EAST	0940z	25Oct2023	3.9m
GRANDE REVIERE SUD EST-WEST	1059z	25Oct2023	0.9m

OMAN

TAQAH	1340z	25Oct2023	0.6m
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SEYCHELLES

FREGATE ISLAND	1345z	25Oct2023	0.6m
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SOMALIA

GALDOGOB	1249z	25Oct2023	0.5m
ITALA	1253z	25Oct2023	0.5m
CEEL DHEER	1255z	25Oct2023	0.5m
MAREEG	1258z	25Oct2023	0.7m
XARARDHEERE	1303z	25Oct2023	0.6m

SOUTH AFRICA

FUNK SEAMOUNT	1335z	25Oct2023	0.6m
NGQUELENI	1358z	25Oct2023	0.5m
ELLIOTDALE	1359z	25Oct2023	0.5m

SRI LANKA

KIRINDA	0813z	25Oct2023	1.3m
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GALLE	0830z	25Oct2023	0.9m
OKANDA	0839z	25Oct2023	1.1m
MATARA	0841z	25Oct2023	1.0m
HAMBANTOTA	0842z	25Oct2023	1.8m
AKKARAI PATTU	0937z	25Oct2023	0.7m
BATTICALOA	0938z	25Oct2023	0.7m
KATTANKUDI	0955z	25Oct2023	0.7m
TANGALLE	1006z	25Oct2023	0.7m
AMBALANGODA	1054z	25Oct2023	0.6m
BERUWALA	1118z	25Oct2023	0.7m
COLOMBO	1131z	25Oct2023	0.6m
MORATUWA	1235z	25Oct2023	0.9m
MULLAITTIVU	1252z	25Oct2023	0.5m
PANKULAM	1253z	25Oct2023	0.5m
NEGOMBO	1315z	25Oct2023	0.5m
POTTUVIL	1316z	25Oct2023	0.8m

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TIMOR-LESTE  
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PANTE MACASSAR	0414z	25Oct2023	1.3m
BOBONARO	0423z	25Oct2023	1.7m
LIQUICA	0425z	25Oct2023	1.1m
DILI	0547z	25Oct2023	0.9m
BAUCAU	0602z	25Oct2023	0.7m
COVALIMA	0951z	25Oct2023	0.6m
MANUFAHI	1041z	25Oct2023	0.6m
MANATUTO NORTH	1106z	25Oct2023	0.5m
AINARO	1117z	25Oct2023	0.5m

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UNITED KINGDOM  
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DIEGO GARCIA	0745z	25Oct2023	1.3m
MORESBY ISLAND	0830z	25Oct2023	0.9m
NW EGMONT ISLAND	0843z	25Oct2023	1.1m

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YEMEN  
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SOCOTRA ISLAND SOUTH	1229z	25Oct2023	0.8m
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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](mailto:inartsp@bmkg.go.id)  
[monitrtwp@bmkg.go.id](mailto:monitrtwp@bmkg.go.id)

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  
TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST TEST  
TSP-InaTEWS-20231025-0700-008

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TSUNAMI BULLETIN NUMBER 8 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 0700 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

## 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)
DART 53046	AUSTRALIA	11.45S	113.61E	0210z	UTC 25 Oct 2023	3.5m
Benoa	INDONESIA	8.77S	115.22E	0226z	UTC 25 Oct 2023	11.8m
Christmas Island	AUSTRALIA	10.43S	105.67E	0230z	UTC 25 Oct 2023	1.1m
DART 56001	AUSTRALIA	14.05S	110.03E	0236z	UTC 25 Oct 2023	2.3m
DART 56003	AUSTRALIA	15.02S	118.07E	0236z	UTC 25 Oct 2023	1.0m
Prigi	INDONESIA	8.28S	111.73E	0236z	UTC 25 Oct 2023	9.1m
Sadeng	INDONESIA	8.19S	110.80E	0240z	UTC 25 Oct 2023	17.6m
Waikelo	INDONESIA	9.39S	119.22E	0247z	UTC 25 Oct 2023	5.2m
Lembar	INDONESIA	8.73S	116.07E	0248z	UTC 25 Oct 2023	7.9m
Cilacap	INDONESIA	7.75S	109.00E	0251z	UTC 25 Oct 2023	11.5m
Pangandaran	INDONESIA	7.75S	108.50E	0254z	UTC 25 Oct 2023	9.0m
Rote	INDONESIA	10.71S	123.06E	0318z	UTC 25 Oct 2023	0.9m
Enggano	INDONESIA	5.35S	102.28E	0335z	UTC 25 Oct 2023	2.4m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0342z	UTC 25 Oct 2023	2.0m
Cocos Island	AUSTRALIA	12.12S	96.89E	0346z	UTC 25 Oct 2023	0.7m
Sebesi Island	INDONESIA	5.94S	105.51E	0349z	UTC 25 Oct 2023	2.9m
Marina Jambu	INDONESIA	6.19S	105.84E	0352z	UTC 25 Oct 2023	1.5m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0423z	UTC 25 Oct 2023	18.0m
Seblat	INDONESIA	3.22S	101.60E	0427z	UTC 25 Oct 2023	1.7m
Tanahbala	INDONESIA	0.53S	98.50E	0438z	UTC 25 Oct 2023	0.5m
Telukdalam	INDONESIA	0.55N	97.82E	0442z	UTC 25 Oct 2023	1.0m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0446z	UTC 25 Oct 2023	6.9m
Bungus Port	INDONESIA	1.03S	100.40E	0459z	UTC 25 Oct 2023	1.0m
Ambon	INDONESIA	3.68S	128.18E	0503z	UTC 25 Oct 2023	1.7m



Padang	INDONESIA	0.95S	100.37E	0509z	UTC	25	Oct	2023	0.4m
Broome	AUSTRALIA	18.00S	122.22E	0542z	UTC	25	Oct	2023	1.0m
Port Hedland	AUSTRALIA	20.04S	118.42E	0556z	UTC	25	Oct	2023	2.0m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	0601z	UTC	25	Oct	2023	1.9m
Meulaboh	INDONESIA	4.13N	96.13E	0603z	UTC	25	Oct	2023	0.4m
Saumlaki	INDONESIA	7.98S	131.29E	0605z	UTC	25	Oct	2023	0.1m
Sabang	INDONESIA	5.38N	95.33E	0617z	UTC	25	Oct	2023	0.2m
Bitung	INDONESIA	1.44N	125.19E	0635z	UTC	25	Oct	2023	0.2m
Sibolga	INDONESIA	1.73N	98.80E	0635z	UTC	25	Oct	2023	0.3m
Nancowry	INDIA	8.05N	93.55E	0637z	UTC	25	Oct	2023	0.2m

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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

CHRISTMAS ISLAND	0232z	25Oct2023	4.2m
ASHMORE REEF	0320z	25Oct2023	1.5m
COCOS ISLAND	0351z	25Oct2023	1.3m
NINGALOO COAST	0404z	25Oct2023	16.1m
PILBARA COAST WEST	0410z	25Oct2023	7.5m
PILBARA COAST EAST	0433z	25Oct2023	4.4m
WEST KIMBERLY COAST	0434z	25Oct2023	2.4m
GASCOYNE COAST	0452z	25Oct2023	4.3m
GERALDTON COAST	0507z	25Oct2023	1.9m
NORTH KIMBERLY COAST	0509z	25Oct2023	1.1m
LANCELIN COAST	0528z	25Oct2023	1.1m
PERTH COAST	0542z	25Oct2023	1.2m
BUNBURY GEOGRAPHE COAST	0555z	25Oct2023	1.5m
LEEWIN COAST	0610z	25Oct2023	1.2m
ALBANY COAST	0706z	25Oct2023	0.5m
HEARD ISLAND AND MCDONALD ISLANDS	1033z	25Oct2023	3.1m
AURORA BANK	1050z	25Oct2023	1.6m

#### FRANCE

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ILE SAINT-PAUL-NORTH	0805z	25Oct2023	1.1m
ILE SAINT-PAUL-SOUTH	0831z	25Oct2023	1.0m
ILE KERGUELEN	1028z	25Oct2023	3.1m
SAINT-DENIS	1107z	25Oct2023	0.5m
ILE DE LA POSSESSION	1108z	25Oct2023	1.1m
SAINT - JOSEPH	1113z	25Oct2023	0.7m
CROZET PLATEAU	1136z	25Oct2023	1.6m
NES CROZET	1202z	25Oct2023	0.8m

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INDIA

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MINICOY	0939z	25Oct2023	0.5m
ALLEPPEY ALAPPUZHA	1019z	25Oct2023	0.5m
KANYAKUMARI	1051z	25Oct2023	0.8m
MACHILIPATNAM	1055z	25Oct2023	0.6m
ENNORE	1103z	25Oct2023	0.6m
KAKINADA	1118z	25Oct2023	0.6m
VISAKHAPATNAM	1123z	25Oct2023	0.5m
KOODANKULAM	1132z	25Oct2023	0.5m
PERUPALEM	1133z	25Oct2023	1.0m
NIJAMPATTANAM	1200z	25Oct2023	0.6m
CHENNAI	1208z	25Oct2023	0.5m
MAHABALIPURAM	1210z	25Oct2023	0.5m
KAVARATTI	1320z	25Oct2023	0.5m
MARAKKANAM	1326z	25Oct2023	0.5m

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INDONESIA

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NTB LOMBOK-BARAT BAGIAN SELATAN	0218z	25Oct2023	8.8m
NTB SUMBAWA BAGIAN BARAT	0220z	25Oct2023	6.0m
JATIM BANYUWANGI BAGIAN SELATAN	0221z	25Oct2023	26.4m
BALI BADUNG PANTAI-KUTA	0221z	25Oct2023	16.1m
BALI KLUNGKUNG PULAU NUSAPENIDA	0221z	25Oct2023	13.5m
NTB LOMBOK-TENGAH	0222z	25Oct2023	11.3m
JATIM JEMBER PULAU NUSABARUNG	0223z	25Oct2023	22.1m
NTB SUMBAWA BAGIAN SELATAN	0224z	25Oct2023	5.9m
JATIM JEMBER	0225z	25Oct2023	28.4m
JATIM MALANG	0225z	25Oct2023	23.5m
NTB LOMBOK-TIMUR BAGIAN SELATAN	0225z	25Oct2023	8.4m
JATIM BANYUWANGI BAGIAN TIMUR	0226z	25Oct2023	9.8m
JATIM BLITAR	0228z	25Oct2023	22.6m
JATIM TULUNGAGUNG	0228z	25Oct2023	19.4m
JATIM TRENGGALEK	0229z	25Oct2023	28.4m
BALI KARANG-ASEM BAGIAN SELATAN	0231z	25Oct2023	8.6m
JATENG WONOGIRI	0231z	25Oct2023	29.4m
BALI JEMBRANA	0231z	25Oct2023	10.4m
DIY GUNUNG-KIDUL	0232z	25Oct2023	23.8m
BALI KLUNGKUNG	0232z	25Oct2023	8.3m
BALI DENPASAR PANTAI-SANUR	0233z	25Oct2023	13.5m
BALI KARANG-ASEM BAGIAN UTARA	0233z	25Oct2023	2.2m
JATIM PACITAN	0233z	25Oct2023	27.2m
BALI GIANYAR	0234z	25Oct2023	10.4m
DIY BANTUL	0235z	25Oct2023	13.4m
NTB LOMBOK-BARAT BAGIAN UTARA	0235z	25Oct2023	2.6m
NTB LOMBOK-TIMUR BAGIAN TIMUR	0236z	25Oct2023	8.1m
DIY KULON-PROGO	0237z	25Oct2023	15.8m
JATIM LUMAJANG	0237z	25Oct2023	29.5m

NTB KOTA-MATARAM	0238z	250oct2023	11.9m
NTB DOMPU BAGIAN SELATAN	0239z	250oct2023	6.8m
NTT SUMBA BAGIAN BARAT	0240z	250oct2023	4.3m
BALI TABANAN	0241z	250oct2023	19.8m
NTB KOTA-BIMA BAGIAN SELATAN	0241z	250oct2023	3.6m
JABAR GARUT	0242z	250oct2023	6.0m
JATENG PURWOREJO	0243z	250oct2023	11.9m
JABAR TASIKMALAYA	0244z	250oct2023	8.5m
NTT SUMBA BAGIAN TIMUR	0244z	250oct2023	3.9m
JABAR CIAMIS	0244z	250oct2023	8.0m
BALI BULELENG BAGIAN TIMUR	0244z	250oct2023	1.8m
JABAR CIANJUR SINDANGBARANG	0245z	250oct2023	6.6m
JATENG KEBUMEN	0245z	250oct2023	10.7m
NTB LOMBOK-TIMUR BAGIAN UTARA	0250z	250oct2023	2.0m
JABAR SUKABUMI UJUNG-GENTENG	0250z	250oct2023	7.0m
JATENG CILACAP	0252z	250oct2023	10.4m
NTT KEPULAUAN MANGGARAI-BARAT	0253z	250oct2023	4.2m
NTB BIMA PULAU GILI	0253z	250oct2023	3.3m
JABAR SUKABUMI PELABUHAN-RATU	0255z	250oct2023	4.1m
BANTEN LEBAK	0256z	250oct2023	4.1m
JATIM SUMENEP	0257z	250oct2023	1.1m
BANTEN PANDEGLANG BAGIAN SELATAN	0258z	250oct2023	4.3m
BALI BULELENG BAGIAN BARAT	0259z	250oct2023	2.3m
NTT KUPANG	0300z	250oct2023	1.8m
NTT MANGGARAI-BARAT BAGIAN SELATAN	0301z	250oct2023	4.3m
BANTEN PANDEGLANG PULAU PANAITAN	0302z	250oct2023	3.4m
NTB SUMBAWA BAGIAN UTARA	0304z	250oct2023	1.4m
NTB BIMA	0309z	250oct2023	1.0m
JATIM SITUBONDO	0311z	250oct2023	1.0m
NTB SUMBAWA	0313z	250oct2023	1.2m
NTT ROTENDAO	0314z	250oct2023	2.7m
NTT MANGGARAI BAGIAN SELATAN	0316z	250oct2023	2.9m
NTB KOTA-BIMA BAGIAN UTARA	0322z	250oct2023	1.0m
NTT NGADA BAGIAN SELATAN	0326z	250oct2023	3.4m
NTB DOMPU BAGIAN BARAT	0328z	250oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0332z	250oct2023	2.7m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0333z	250oct2023	2.5m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0333z	250oct2023	2.2m
LAMPUNG TANGGAMUS BAGIAN BARAT	0338z	250oct2023	2.3m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	0340z	250oct2023	2.1m
BANTEN PANDEGLANG BAGIAN UTARA	0341z	250oct2023	2.0m
LAMPUNG TANGGAMUS PULAU TABUAN	0341z	250oct2023	1.6m
NTT ENDE BAGIAN SELATAN	0344z	250oct2023	2.8m
NTT FLORES-TIMUR PULAU ADONARA	0344z	250oct2023	1.0m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0345z	250oct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	0345z	250oct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	0347z	250oct2023	2.5m
NTT SIKKA BAGIAN SELATAN	0349z	250oct2023	2.2m
NTT LEMBATA BAGIAN UTARA	0350z	250oct2023	0.5m
NTB BIMA PULAU SANGIANG	0351z	250oct2023	1.1m
NTT FLORES-TIMUR BAGIAN SELATAN	0354z	250oct2023	1.5m
BENGKULU KAUR	0358z	250oct2023	2.0m
NTT FLORES-TIMUR PULAU SOLOR	0400z	250oct2023	1.6m
NTT LEMBATA BAGIAN SELATAN	0404z	250oct2023	1.9m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0406z	250oct2023	3.1m
NTT ALOR BAGIAN SELATAN	0408z	250oct2023	1.4m
NTT TIMOR-TENGAH-UTARA	0413z	250oct2023	1.4m
NTT KOTA-KUPANG	0416z	250oct2023	2.9m
BENGKULU SELUMA	0416z	250oct2023	2.6m

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NTT BELU BAGIAN UTARA	0424z	25Oct2023	0.9m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0427z	25Oct2023	1.9m
NTB DOMPU BAGIAN UTARA	0432z	25Oct2023	0.9m
NTT ALOR BAGIAN UTARA	0456z	25Oct2023	0.5m
NTT TIMOR-TENGAH-SELATAN	0500z	25Oct2023	0.6m
BENGKULU BENGKULU-SELATAN	0507z	25Oct2023	1.9m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0528z	25Oct2023	1.9m
NTT SIKKA BAGIAN UTARA	0535z	25Oct2023	0.7m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0540z	25Oct2023	2.0m
SULSEL JENEPONTO	0541z	25Oct2023	0.9m
SULSEL MAROS	0543z	25Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	0549z	25Oct2023	1.4m
SULSEL TAKALAR	0558z	25Oct2023	0.8m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0602z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0620z	25Oct2023	0.9m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0627z	25Oct2023	1.0m
BANTEN KOTA-CILEGON PULAU SANGIA	0633z	25Oct2023	1.4m
NTT FLORES-TIMUR BAGIAN UTARA	0635z	25Oct2023	0.7m
BANTEN SERANG BAGIAN BARAT	0639z	25Oct2023	1.6m
NTT PULAU ENDE	0641z	25Oct2023	0.5m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	0642z	25Oct2023	1.5m
BENGKULU MUKOMUKO	0647z	25Oct2023	1.8m
BANTEN KOTA-CILEGON	0649z	25Oct2023	1.8m
JATIM PAMEKASAN	0716z	25Oct2023	0.5m
SULSEL SELAYAR	0723z	25Oct2023	0.5m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	0730z	25Oct2023	0.5m
JATIM SAMPANG	0740z	25Oct2023	0.5m
SULSEL PANGKAJENE-KEPULAUAN	0745z	25Oct2023	0.9m
NTT PULAU SIKKA	0747z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	0804z	25Oct2023	1.1m
NTT ENDE BAGIAN UTARA	0805z	25Oct2023	0.5m
SULSEL BANTAENG	0817z	25Oct2023	1.2m
SUMBAR KOTA-PADANG BAGIAN UTARA	0826z	25Oct2023	0.5m
NTT MANGGARAI-BARAT BAGIAN UTARA	0832z	25Oct2023	0.5m
SUMUT NIAS BAGIAN BARAT	0840z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0842z	25Oct2023	0.6m
SUMBAR PASAMAN-BARAT	0910z	25Oct2023	0.5m
JATIM BANGKALAN	0911z	25Oct2023	0.6m
SULSEL BARRU	0933z	25Oct2023	0.5m
SULSEL KOTA-MAKASSAR	0933z	25Oct2023	0.9m
SUMBAR KOTA-PADANG BAGIAN SELATAN	0934z	25Oct2023	1.0m
SUMUT NIAS-SELATAN PULAU NIAS	0943z	25Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	0943z	25Oct2023	0.6m
NAD ACEH-BESAR BAGIAN BARAT	0956z	25Oct2023	0.7m
JATIM PASURUAN	1007z	25Oct2023	0.5m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	1038z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANABALA	1047z	25Oct2023	0.7m
JATIM PROBOLINGGO	1052z	25Oct2023	0.5m
NAD SIMEULUE PULAU SIMEULUE	1132z	25Oct2023	0.5m
NTT MANGGARAI BAGIAN UTARA	1132z	25Oct2023	0.5m
NTT BELU BAGIAN SELATAN	1134z	25Oct2023	0.6m
SUMBAR AGAM	1208z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU PINI	1209z	25Oct2023	0.7m
NAD ACEH-JAYA	1209z	25Oct2023	0.6m
KALSEL TANAHLAUT	1209z	25Oct2023	0.5m
SUMUT KOTA-SIBOLGA	1214z	25Oct2023	0.5m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1232z	25Oct2023	0.5m
SUMBAR KOTA-PARIAMAN	1240z	25Oct2023	0.5m
SULSEL SINJAI	1249z	25Oct2023	0.6m

SULSEL PINRANG	1303z	25Oct2023	0.5m
SULSEL KOTA-PARE-PARE	1304z	25Oct2023	0.5m
JATIM KOTA-PASURUAN	1331z	25Oct2023	0.5m
SUMUT MANDAILING-NATAL BAGIAN UTARA	1334z	25Oct2023	0.6m

MADAGASCAR

FARAFAGANA	1114z	25Oct2023	1.2m
AMBAHY	1116z	25Oct2023	1.4m
TOAMASINA AIRPORT	1200z	25Oct2023	0.8m
VOHEMAR	1202z	25Oct2023	0.5m
TAMPOLO	1215z	25Oct2023	0.7m
MANANTENINA	1218z	25Oct2023	0.6m
SAMPONA	1257z	25Oct2023	0.5m

MALDIVES

HITHADHOO	0829z	25Oct2023	0.9m
DHIYAMIGILI	0837z	25Oct2023	1.0m
THINADHOO	0840z	25Oct2023	0.9m
KOLHUFUSHI	0853z	25Oct2023	0.7m
MALE	0858z	25Oct2023	0.6m
KULHUDUFFUSHI	0907z	25Oct2023	0.7m
NILANDHOO	1024z	25Oct2023	0.6m
FERIDHOO	1327z	25Oct2023	0.5m

MAURITIUS

LA FERME	0849z	25Oct2023	1.1m
CARGADOS CARAJOS	0932z	25Oct2023	1.4m
GRANDE REVIERE SUD EST-EAST	0940z	25Oct2023	3.9m
GRANDE REVIERE SUD EST-WEST	1059z	25Oct2023	0.9m

OMAN

TAQAH	1340z	25Oct2023	0.6m
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SEYCHELLES

FREGATE ISLAND	1345z	25Oct2023	0.6m
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SOMALIA

GALDOGOB	1249z	25Oct2023	0.5m
ITALA	1253z	25Oct2023	0.5m
CEEL DHEER	1255z	25Oct2023	0.5m
MAREEG	1258z	25Oct2023	0.7m
XARARDHEERE	1303z	25Oct2023	0.6m

SOUTH AFRICA

FUNK SEAMOUNT	1335z	25Oct2023	0.6m
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NGQUELENI	1358z	25Oct2023	0.5m
ELLIOTDALE	1359z	25Oct2023	0.5m

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SRI LANKA

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KIRINDA	0813z	25Oct2023	1.3m
GALLE	0830z	25Oct2023	0.9m
OKANDA	0839z	25Oct2023	1.1m
MATARA	0841z	25Oct2023	1.0m
HAMBANTOTA	0842z	25Oct2023	1.8m
AKKARAI PATTU	0937z	25Oct2023	0.7m
BATTICALOA	0938z	25Oct2023	0.7m
KATTANKUDI	0955z	25Oct2023	0.7m
TANGALLE	1006z	25Oct2023	0.7m
AMBALANGODA	1054z	25Oct2023	0.6m
BERUWALA	1118z	25Oct2023	0.7m
COLOMBO	1131z	25Oct2023	0.6m
MORATUWA	1235z	25Oct2023	0.9m
MULLAITTIVU	1252z	25Oct2023	0.5m
PANKULAM	1253z	25Oct2023	0.5m
NEGOMBO	1315z	25Oct2023	0.5m
POTTUVIL	1316z	25Oct2023	0.8m

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TIMOR-LESTE

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PANTE MACASSAR	0414z	25Oct2023	1.3m
BOBONARO	0423z	25Oct2023	1.7m
LIQUICA	0425z	25Oct2023	1.1m
DILI	0547z	25Oct2023	0.9m
BAUCAU	0602z	25Oct2023	0.7m
COVALIMA	0951z	25Oct2023	0.6m
MANUFAHI	1041z	25Oct2023	0.6m
MANATUTO NORTH	1106z	25Oct2023	0.5m
AINARO	1117z	25Oct2023	0.5m

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UNITED KINGDOM

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DIEGO GARCIA	0745z	25Oct2023	1.3m
MORESBY ISLAND	0830z	25Oct2023	0.9m
NW EGMONT ISLAND	0843z	25Oct2023	1.1m

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YEMEN

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SOCOTRA ISLAND SOUTH	1229z	25Oct2023	0.8m
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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](mailto:inartsp@bmkg.go.id)

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

END OF BULLETIN

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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 IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST  
TSP-InaTEWS-20231025-0800-009

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TSUNAMI BULLETIN NUMBER 9 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 0800 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

### 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)
DART 53046	AUSTRALIA	11.45S	113.61E	0210z	UTC 25 Oct 2023	3.5m
Benoa	INDONESIA	8.77S	115.22E	0226z	UTC 25 Oct 2023	11.8m
Christmas Island	AUSTRALIA	10.43S	105.67E	0230z	UTC 25 Oct 2023	1.1m
DART 56001	AUSTRALIA	14.05S	110.03E	0236z	UTC 25 Oct 2023	2.3m
DART 56003	AUSTRALIA	15.02S	118.07E	0236z	UTC 25 Oct 2023	1.0m
Prigi	INDONESIA	8.28S	111.73E	0236z	UTC 25 Oct 2023	9.1m
Sadeng	INDONESIA	8.19S	110.80E	0240z	UTC 25 Oct 2023	17.6m
Waikelo	INDONESIA	9.39S	119.22E	0247z	UTC 25 Oct 2023	5.2m
Lembar	INDONESIA	8.73S	116.07E	0248z	UTC 25 Oct 2023	7.9m
Cilacap	INDONESIA	7.75S	109.00E	0251z	UTC 25 Oct 2023	11.5m
Pangandaran	INDONESIA	7.75S	108.50E	0254z	UTC 25 Oct 2023	9.0m
Rote	INDONESIA	10.71S	123.06E	0318z	UTC 25 Oct 2023	0.9m
Enggano	INDONESIA	5.35S	102.28E	0335z	UTC 25 Oct 2023	2.4m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0342z	UTC 25 Oct 2023	2.0m
Cocos Island	AUSTRALIA	12.12S	96.89E	0346z	UTC 25 Oct 2023	0.7m
Sebesi Island	INDONESIA	5.94S	105.51E	0349z	UTC 25 Oct 2023	2.9m
Marina Jambu	INDONESIA	6.19S	105.84E	0352z	UTC 25 Oct 2023	1.5m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0423z	UTC 25 Oct 2023	18.0m
Seblat	INDONESIA	3.22S	101.60E	0427z	UTC 25 Oct 2023	1.7m
Tanahbala	INDONESIA	0.53S	98.50E	0438z	UTC 25 Oct 2023	0.5m
Telukdalam	INDONESIA	0.55N	97.82E	0442z	UTC 25 Oct 2023	1.0m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0446z	UTC 25 Oct 2023	6.9m
Bungus Port	INDONESIA	1.03S	100.40E	0459z	UTC 25 Oct 2023	1.0m
Ambon	INDONESIA	3.68S	128.18E	0503z	UTC 25 Oct 2023	1.7m



Padang	INDONESIA	0.95S	100.37E	0509z	UTC	25 Oct 2023	0.4m
Broome	AUSTRALIA	18.00S	122.22E	0542z	UTC	25 Oct 2023	1.0m
Port Hedland	AUSTRALIA	20.04S	118.42E	0556z	UTC	25 Oct 2023	2.0m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	0601z	UTC	25 Oct 2023	1.9m
Meulaboh	INDONESIA	4.13N	96.13E	0603z	UTC	25 Oct 2023	0.4m
Saumlaki	INDONESIA	7.98S	131.29E	0605z	UTC	25 Oct 2023	0.1m
Sabang	INDONESIA	5.38N	95.33E	0617z	UTC	25 Oct 2023	0.2m
Bitung	INDONESIA	1.44N	125.19E	0635z	UTC	25 Oct 2023	0.2m
Sibolga	INDONESIA	1.73N	98.80E	0635z	UTC	25 Oct 2023	0.3m
Nancowry	INDIA	8.05N	93.55E	0637z	UTC	25 Oct 2023	0.2m
Hambantota	SRI LANKA	6.12N	81.13E	0701z	UTC	25 Oct 2023	1.8m
Kirinda	SRI LANKA	6.20N	81.32E	0702z	UTC	25 Oct 2023	2.0m
Port Blair	INDIA	11.68N	92.76E	0710z	UTC	25 Oct 2023	0.1m
Trincomalee	SRI LANKA	8.56N	81.20E	0710z	UTC	25 Oct 2023	0.7m
Diego Garcia	UK	7.29S	72.39E	0713z	UTC	25 Oct 2023	1.3m
Ko Miang	THAILAND	8.55N	97.63E	0717z	UTC	25 Oct 2023	0.1m
Gan	MALDIVE	0.69S	73.15E	0720z	UTC	25 Oct 2023	0.9m
Colombo	SRI LANKA	6.95N	79.85E	0731z	UTC	25 Oct 2023	0.8m
Male	MALDIVE	4.19N	73.53E	0739z	UTC	25 Oct 2023	1.2m
DART 53401	INDONESIA	0.05N	91.90E	0748z	UTC	25 Oct 2023	0.1m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0755z	UTC	25 Oct 2023	0.1m

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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

CHRISTMAS ISLAND	0232z	25Oct2023	4.2m
ASHMORE REEF	0320z	25Oct2023	1.5m
COCOS ISLAND	0351z	25Oct2023	1.3m
NINGALOO COAST	0404z	25Oct2023	16.1m
PILBARA COAST WEST	0410z	25Oct2023	7.5m
PILBARA COAST EAST	0433z	25Oct2023	4.4m
WEST KIMBERLY COAST	0434z	25Oct2023	2.4m
GASCOYNE COAST	0452z	25Oct2023	4.3m
GERALDTON COAST	0507z	25Oct2023	1.9m
NORTH KIMBERLY COAST	0509z	25Oct2023	1.1m

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LANCELIN COAST	0528z	25Oct2023	1.1m
PERTH COAST	0542z	25Oct2023	1.2m
BUNBURY GEOGRAPHE COAST	0555z	25Oct2023	1.5m
LEEUVIN COAST	0610z	25Oct2023	1.2m
ALBANY COAST	0706z	25Oct2023	0.5m
HEARD ISLAND AND MCDONALD ISLANDS	1033z	25Oct2023	3.1m
AURORA BANK	1050z	25Oct2023	1.6m

FRANCE

ILE SAINT-PAUL-NORTH	0805z	25Oct2023	1.1m
ILE SAINT-PAUL-SOUTH	0831z	25Oct2023	1.0m
ILE KERGUELEN	1028z	25Oct2023	3.1m
SAINT-DENIS	1107z	25Oct2023	0.5m
ILE DE LA POSSESSION	1108z	25Oct2023	1.1m
SAINT - JOSEPH	1113z	25Oct2023	0.7m
CROZET PLATEAU	1136z	25Oct2023	1.6m
NES CROZET	1202z	25Oct2023	0.8m

INDIA

MINICOY	0939z	25Oct2023	0.5m
ALLEPPEY ALAPPUZHA	1019z	25Oct2023	0.5m
KANYAKUMARI	1051z	25Oct2023	0.8m
MACHILIPATNAM	1055z	25Oct2023	0.6m
ENNORE	1103z	25Oct2023	0.6m
KAKINADA	1118z	25Oct2023	0.6m
VISAKHAPATNAM	1123z	25Oct2023	0.5m
KOODANKULAM	1132z	25Oct2023	0.5m
PERUPALEM	1133z	25Oct2023	1.0m
NIJAMPATTANAM	1200z	25Oct2023	0.6m
CHENNAI	1208z	25Oct2023	0.5m
MAHABALIPURAM	1210z	25Oct2023	0.5m
KAVARATTI	1320z	25Oct2023	0.5m
MARAKKANAM	1326z	25Oct2023	0.5m

INDONESIA

NTB LOMBOK-BARAT BAGIAN SELATAN	0218z	25Oct2023	8.8m
NTB SUMBAWA BAGIAN BARAT	0220z	25Oct2023	6.0m
JATIM BANYUWANGI BAGIAN SELATAN	0221z	25Oct2023	26.4m
BALI BADUNG PANTAI-KUTA	0221z	25Oct2023	16.1m
BALI KLUNGKUNG PULAU NUSAPENIDA	0221z	25Oct2023	13.5m
NTB LOMBOK-TENGAH	0222z	25Oct2023	11.3m
JATIM JEMBER PULAU NUSABARUNG	0223z	25Oct2023	22.1m
NTB SUMBAWA BAGIAN SELATAN	0224z	25Oct2023	5.9m
JATIM JEMBER	0225z	25Oct2023	28.4m
JATIM MALANG	0225z	25Oct2023	23.5m
NTB LOMBOK-TIMUR BAGIAN SELATAN	0225z	25Oct2023	8.4m
JATIM BANYUWANGI BAGIAN TIMUR	0226z	25Oct2023	9.8m
JATIM BLITAR	0228z	25Oct2023	22.6m
JATIM TULUNGAGUNG	0228z	25Oct2023	19.4m
JATIM TRENGGALEK	0229z	25Oct2023	28.4m
BALI KARANG-ASEM BAGIAN SELATAN	0231z	25Oct2023	8.6m
JATENG WONOGIRI	0231z	25Oct2023	29.4m
BALI JEMBRANA	0231z	25Oct2023	10.4m

DIY GUNUNG-KIDUL	0232z	250ct2023	23.8m
BALI KLUNGKUNG	0232z	250ct2023	8.3m
BALI DENPASAR PANTAI-SANUR	0233z	250ct2023	13.5m
BALI KARANG-ASEM BAGIAN UTARA	0233z	250ct2023	2.2m
JATIM PACITAN	0233z	250ct2023	27.2m
BALI GIANYAR	0234z	250ct2023	10.4m
DIY BANTUL	0235z	250ct2023	13.4m
NTB LOMBOK-BARAT BAGIAN UTARA	0235z	250ct2023	2.6m
NTB LOMBOK-TIMUR BAGIAN TIMUR	0236z	250ct2023	8.1m
DIY KULON-PROGO	0237z	250ct2023	15.8m
JATIM LUMAJANG	0237z	250ct2023	29.5m
NTB KOTA-MATARAM	0238z	250ct2023	11.9m
NTB DOMPU BAGIAN SELATAN	0239z	250ct2023	6.8m
NTT SUMBA BAGIAN BARAT	0240z	250ct2023	4.3m
BALI TABANAN	0241z	250ct2023	19.8m
NTB KOTA-BIMA BAGIAN SELATAN	0241z	250ct2023	3.6m
JABAR GARUT	0242z	250ct2023	6.0m
JATENG PURWOREJO	0243z	250ct2023	11.9m
JABAR TASIKMALAYA	0244z	250ct2023	8.5m
NTT SUMBA BAGIAN TIMUR	0244z	250ct2023	3.9m
JABAR CIAMIS	0244z	250ct2023	8.0m
BALI BULELENG BAGIAN TIMUR	0244z	250ct2023	1.8m
JABAR CIANJUR SINDANGBARANG	0245z	250ct2023	6.6m
JATENG KEBUMEN	0245z	250ct2023	10.7m
NTB LOMBOK-TIMUR BAGIAN UTARA	0250z	250ct2023	2.0m
JABAR SUKABUMI UJUNG-GENTENG	0250z	250ct2023	7.0m
JATENG CILACAP	0252z	250ct2023	10.4m
NTT KEPULAUAN MANGGARAI-BARAT	0253z	250ct2023	4.2m
NTB BIMA PULAU GILI	0253z	250ct2023	3.3m
JABAR SUKABUMI PELABUHAN-RATU	0255z	250ct2023	4.1m
BANTEN LEBAK	0256z	250ct2023	4.1m
JATIM SUMENEP	0257z	250ct2023	1.1m
BANTEN PANDEGLANG BAGIAN SELATAN	0258z	250ct2023	4.3m
BALI BULELENG BAGIAN BARAT	0259z	250ct2023	2.3m
NTT KUPANG	0300z	250ct2023	1.8m
NTT MANGGARAI-BARAT BAGIAN SELATAN	0301z	250ct2023	4.3m
BANTEN PANDEGLANG PULAU PANAITAN	0302z	250ct2023	3.4m
NTB SUMBAWA BAGIAN UTARA	0304z	250ct2023	1.4m
NTB BIMA	0309z	250ct2023	1.0m
JATIM SITUBONDO	0311z	250ct2023	1.0m
NTB SUMBAWA	0313z	250ct2023	1.2m
NTT ROTENDAO	0314z	250ct2023	2.7m
NTT MANGGARAI BAGIAN SELATAN	0316z	250ct2023	2.9m
NTB KOTA-BIMA BAGIAN UTARA	0322z	250ct2023	1.0m
NTT NGADA BAGIAN SELATAN	0326z	250ct2023	3.4m
NTB DOMPU BAGIAN BARAT	0328z	250ct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0332z	250ct2023	2.7m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0333z	250ct2023	2.5m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0333z	250ct2023	2.2m
LAMPUNG TANGGAMUS BAGIAN BARAT	0338z	250ct2023	2.3m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	0340z	250ct2023	2.1m
BANTEN PANDEGLANG BAGIAN UTARA	0341z	250ct2023	2.0m
LAMPUNG TANGGAMUS PULAU TABUAN	0341z	250ct2023	1.6m
NTT ENDE BAGIAN SELATAN	0344z	250ct2023	2.8m
NTT FLORES-TIMUR PULAU ADONARA	0344z	250ct2023	1.0m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0345z	250ct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	0345z	250ct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	0347z	250ct2023	2.5m
NTT SIKKA BAGIAN SELATAN	0349z	250ct2023	2.2m

NTT LEMBATA BAGIAN UTARA	0350z	250ct2023	0.5m
NTB BIMA PULAU SANGIANG	0351z	250ct2023	1.1m
NTT FLORES-TIMUR BAGIAN SELATAN	0354z	250ct2023	1.5m
BENGKULU KAUR	0358z	250ct2023	2.0m
NTT FLORES-TIMUR PULAU SOLOR	0400z	250ct2023	1.6m
NTT LEMBATA BAGIAN SELATAN	0404z	250ct2023	1.9m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0406z	250ct2023	3.1m
NTT ALOR BAGIAN SELATAN	0408z	250ct2023	1.4m
NTT TIMOR-TENGAH-UTARA	0413z	250ct2023	1.4m
NTT KOTA-KUPANG	0416z	250ct2023	2.9m
BENGKULU SELUMA	0416z	250ct2023	2.6m
NTT BELU BAGIAN UTARA	0424z	250ct2023	0.9m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0427z	250ct2023	1.9m
NTB DOMPU BAGIAN UTARA	0432z	250ct2023	0.9m
NTT ALOR BAGIAN UTARA	0456z	250ct2023	0.5m
NTT TIMOR-TENGAH-SELATAN	0500z	250ct2023	0.6m
BENGKULU BENGKULU-SELATAN	0507z	250ct2023	1.9m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0528z	250ct2023	1.9m
NTT SIKKA BAGIAN UTARA	0535z	250ct2023	0.7m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0540z	250ct2023	2.0m
SULSEL JENEPONTO	0541z	250ct2023	0.9m
SULSEL MAROS	0543z	250ct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	0549z	250ct2023	1.4m
SULSEL TAKALAR	0558z	250ct2023	0.8m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0602z	250ct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0620z	250ct2023	0.9m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0627z	250ct2023	1.0m
BANTEN KOTA-CILEGON PULAU SANGIA	0633z	250ct2023	1.4m
NTT FLORES-TIMUR BAGIAN UTARA	0635z	250ct2023	0.7m
BANTEN SERANG BAGIAN BARAT	0639z	250ct2023	1.6m
NTT PULAU ENDE	0641z	250ct2023	0.5m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	0642z	250ct2023	1.5m
BENGKULU MUKOMUKO	0647z	250ct2023	1.8m
BANTEN KOTA-CILEGON	0649z	250ct2023	1.8m
JATIM PAMEKASAN	0716z	250ct2023	0.5m
SULSEL SELAYAR	0723z	250ct2023	0.5m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	0730z	250ct2023	0.5m
JATIM SAMPANG	0740z	250ct2023	0.5m
SULSEL PANGKAJENE-KEPULAUAN	0745z	250ct2023	0.9m
NTT PULAU SIKKA	0747z	250ct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	0804z	250ct2023	1.1m
NTT ENDE BAGIAN UTARA	0805z	250ct2023	0.5m
SULSEL BANTAENG	0817z	250ct2023	1.2m
SUMBAR KOTA-PADANG BAGIAN UTARA	0826z	250ct2023	0.5m
NTT MANGGARAI-BARAT BAGIAN UTARA	0832z	250ct2023	0.5m
SUMUT NIAS BAGIAN BARAT	0840z	250ct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0842z	250ct2023	0.6m
SUMBAR PASAMAN-BARAT	0910z	250ct2023	0.5m
JATIM BANGKALAN	0911z	250ct2023	0.6m
SULSEL BARRU	0933z	250ct2023	0.5m
SULSEL KOTA-MAKASSAR	0933z	250ct2023	0.9m
SUMBAR KOTA-PADANG BAGIAN SELATAN	0934z	250ct2023	1.0m
SUMUT NIAS-SELATAN PULAU NIAS	0943z	250ct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	0943z	250ct2023	0.6m
NAD ACEH-BESAR BAGIAN BARAT	0956z	250ct2023	0.7m
JATIM PASURUAN	1007z	250ct2023	0.5m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	1038z	250ct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANABALA	1047z	250ct2023	0.7m
JATIM PROBOLINGGO	1052z	250ct2023	0.5m

NAD SIMEULUE PULAU SIMEULUE	1132z	25Oct2023	0.5m
NTT MANGGARAI BAGIAN UTARA	1132z	25Oct2023	0.5m
NTT BELU BAGIAN SELATAN	1134z	25Oct2023	0.6m
SUMBAR AGAM	1208z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU PINI	1209z	25Oct2023	0.7m
NAD ACEH-JAYA	1209z	25Oct2023	0.6m
KALSEL TANAHLAUT	1209z	25Oct2023	0.5m
SUMUT KOTA-SIBOLGA	1214z	25Oct2023	0.5m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1232z	25Oct2023	0.5m
SUMBAR KOTA-PARIAMAN	1240z	25Oct2023	0.5m
SULSEL SINJAI	1249z	25Oct2023	0.6m
SULSEL PINRANG	1303z	25Oct2023	0.5m
SULSEL KOTA-PARE-PARE	1304z	25Oct2023	0.5m
JATIM KOTA-PASURUAN	1331z	25Oct2023	0.5m
SUMUT MANDAILING-NATAL BAGIAN UTARA	1334z	25Oct2023	0.6m

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MADAGASCAR

FARAFAGANA	1114z	25Oct2023	1.2m
AMBAHY	1116z	25Oct2023	1.4m
TOAMASINA AIRPORT	1200z	25Oct2023	0.8m
VOHEMAR	1202z	25Oct2023	0.5m
TAMPOLO	1215z	25Oct2023	0.7m
MANANTENINA	1218z	25Oct2023	0.6m
SAMPONA	1257z	25Oct2023	0.5m

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MALDIVES

HITHADHOO	0829z	25Oct2023	0.9m
DHIYAMIGILI	0837z	25Oct2023	1.0m
THINADHOO	0840z	25Oct2023	0.9m
KOLHUFUSHI	0853z	25Oct2023	0.7m
MALE	0858z	25Oct2023	0.6m
KULHUDUFFUSHI	0907z	25Oct2023	0.7m
NILANDHOO	1024z	25Oct2023	0.6m
FERIDHOO	1327z	25Oct2023	0.5m

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MAURITIUS

LA FERME	0849z	25Oct2023	1.1m
CARGADOS CARAJOS	0932z	25Oct2023	1.4m
GRANDE REVIERE SUD EST-EAST	0940z	25Oct2023	3.9m
GRANDE REVIERE SUD EST-WEST	1059z	25Oct2023	0.9m

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OMAN

TAQAH	1340z	25Oct2023	0.6m
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SEYCHELLES

FREGATE ISLAND	1345z	25Oct2023	0.6m
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SOMALIA

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GALDOGOB	1249z	250oct2023	0.5m
ITALA	1253z	250oct2023	0.5m
CEEL DHEER	1255z	250oct2023	0.5m
MAREEG	1258z	250oct2023	0.7m
XARARDHEERE	1303z	250oct2023	0.6m

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SOUTH AFRICA

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FUNK SEAMOUNT	1335z	250oct2023	0.6m
NGQUELENI	1358z	250oct2023	0.5m
ELLIOTDALE	1359z	250oct2023	0.5m

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SRI LANKA

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KIRINDA	0813z	250oct2023	1.3m
GALLE	0830z	250oct2023	0.9m
OKANDA	0839z	250oct2023	1.1m
MATARA	0841z	250oct2023	1.0m
HAMBANTOTA	0842z	250oct2023	1.8m
AKKARAIATTU	0937z	250oct2023	0.7m
BATTICALOA	0938z	250oct2023	0.7m
KATTANKUDI	0955z	250oct2023	0.7m
TANGALLE	1006z	250oct2023	0.7m
AMBALANGODA	1054z	250oct2023	0.6m
BERUWALA	1118z	250oct2023	0.7m
COLOMBO	1131z	250oct2023	0.6m
MORATUWA	1235z	250oct2023	0.9m
MULLAITTIVU	1252z	250oct2023	0.5m
PANKULAM	1253z	250oct2023	0.5m
NEGOMBO	1315z	250oct2023	0.5m
POTTUVIL	1316z	250oct2023	0.8m

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TIMOR-LESTE

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PANTE MACASSAR	0414z	250oct2023	1.3m
BOBONARO	0423z	250oct2023	1.7m
LIQUICA	0425z	250oct2023	1.1m
DILI	0547z	250oct2023	0.9m
BAUCAU	0602z	250oct2023	0.7m
COVALIMA	0951z	250oct2023	0.6m
MANUFAHI	1041z	250oct2023	0.6m
MANATUTO NORTH	1106z	250oct2023	0.5m
AINARO	1117z	250oct2023	0.5m

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UNITED KINGDOM

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DIEGO GARCIA	0745z	250oct2023	1.3m
MORESBY ISLAND	0830z	250oct2023	0.9m
NW EGMONT ISLAND	0843z	250oct2023	1.1m

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YEMEN

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SOCOTRA ISLAND SOUTH	1229z	250oct2023	0.8m
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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](mailto:inartsp@bmkg.go.id)

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

END OF BULLETIN  
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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-20231025-0900-010

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TSUNAMI BULLETIN NUMBER 10 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 0900 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

## 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)
DART 53046	AUSTRALIA	11.45S	113.61E	0210z	UTC 25 Oct 2023	3.5m
Benoa	INDONESIA	8.77S	115.22E	0226z	UTC 25 Oct 2023	11.8m
Christmas Island	AUSTRALIA	10.43S	105.67E	0230z	UTC 25 Oct 2023	1.1m
DART 56001	AUSTRALIA	14.05S	110.03E	0236z	UTC 25 Oct 2023	2.3m
DART 56003	AUSTRALIA	15.02S	118.07E	0236z	UTC 25 Oct 2023	1.0m
Prigi	INDONESIA	8.28S	111.73E	0236z	UTC 25 Oct 2023	9.1m
Sadeng	INDONESIA	8.19S	110.80E	0240z	UTC 25 Oct 2023	17.6m
Waikelo	INDONESIA	9.39S	119.22E	0247z	UTC 25 Oct 2023	5.2m
Lembar	INDONESIA	8.73S	116.07E	0248z	UTC 25 Oct 2023	7.9m
Cilacap	INDONESIA	7.75S	109.00E	0251z	UTC 25 Oct 2023	11.5m
Pangandaran	INDONESIA	7.75S	108.50E	0254z	UTC 25 Oct 2023	9.0m
Rote	INDONESIA	10.71S	123.06E	0318z	UTC 25 Oct 2023	0.9m
Enggano	INDONESIA	5.35S	102.28E	0335z	UTC 25 Oct 2023	2.4m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0342z	UTC 25 Oct 2023	2.0m
Cocos Island	AUSTRALIA	12.12S	96.89E	0346z	UTC 25 Oct 2023	0.7m
Sebesi Island	INDONESIA	5.94S	105.51E	0349z	UTC 25 Oct 2023	2.9m
Marina Jambu	INDONESIA	6.19S	105.84E	0352z	UTC 25 Oct 2023	1.5m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0423z	UTC 25 Oct 2023	18.0m
Seblat	INDONESIA	3.22S	101.60E	0427z	UTC 25 Oct 2023	1.7m
Tanahbala	INDONESIA	0.53S	98.50E	0438z	UTC 25 Oct 2023	0.5m
Telukdalam	INDONESIA	0.55N	97.82E	0442z	UTC 25 Oct 2023	1.0m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0446z	UTC 25 Oct 2023	6.9m
Bungus Port	INDONESIA	1.03S	100.40E	0459z	UTC 25 Oct 2023	1.0m
Ambon	INDONESIA	3.68S	128.18E	0503z	UTC 25 Oct 2023	1.7m



Padang	INDONESIA	0.95S	100.37E	0509z	UTC	25	Oct	2023	0.4m
Broome	AUSTRALIA	18.00S	122.22E	0542z	UTC	25	Oct	2023	1.0m
Port Hedland	AUSTRALIA	20.04S	118.42E	0556z	UTC	25	Oct	2023	2.0m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	0601z	UTC	25	Oct	2023	1.9m
Meulaboh	INDONESIA	4.13N	96.13E	0603z	UTC	25	Oct	2023	0.4m
Saumlaki	INDONESIA	7.98S	131.29E	0605z	UTC	25	Oct	2023	0.1m
Sabang	INDONESIA	5.38N	95.33E	0617z	UTC	25	Oct	2023	0.2m
Bitung	INDONESIA	1.44N	125.19E	0635z	UTC	25	Oct	2023	0.2m
Sibolga	INDONESIA	1.73N	98.80E	0635z	UTC	25	Oct	2023	0.3m
Nancowry	INDIA	8.05N	93.55E	0637z	UTC	25	Oct	2023	0.2m
Hambantota	SRI LANKA	6.12N	81.13E	0701z	UTC	25	Oct	2023	1.8m
Kirinda	SRI LANKA	6.20N	81.32E	0702z	UTC	25	Oct	2023	2.0m
Port Blair	INDIA	11.68N	92.76E	0710z	UTC	25	Oct	2023	0.1m
Trincomalee	SRI LANKA	8.56N	81.20E	0710z	UTC	25	Oct	2023	0.7m
Diego Garcia	UK	7.29S	72.39E	0713z	UTC	25	Oct	2023	1.3m
Ko Miang	THAILAND	8.55N	97.63E	0717z	UTC	25	Oct	2023	0.1m
Gan	MALDIVE	0.69S	73.15E	0720z	UTC	25	Oct	2023	0.9m
Colombo	SRI LANKA	6.95N	79.85E	0731z	UTC	25	Oct	2023	0.8m
Male	MALDIVE	4.19N	73.53E	0739z	UTC	25	Oct	2023	1.2m
DART 53401	INDONESIA	0.05N	91.90E	0748z	UTC	25	Oct	2023	0.1m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0755z	UTC	25	Oct	2023	0.1m
Esperance	AUSTRALIA	33.87S	121.90E	0801z	UTC	25	Oct	2023	0.3m
Hanimadhoo	MALDIVE	6.77N	73.17E	0804z	UTC	25	Oct	2023	0.8m
Saint Paul Island	FRANCE	38.71S	77.54E	0807z	UTC	25	Oct	2023	1.6m
Chennai	INDIA	13.10N	80.30E	0808z	UTC	25	Oct	2023	0.5m
Minicoy	INDIA	8.28N	73.05E	0813z	UTC	25	Oct	2023	0.6m
Visakhapatnam	INDIA	17.68N	83.28E	0836z	UTC	25	Oct	2023	0.6m

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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

CHRISTMAS ISLAND	0232z	25Oct2023	4.2m
ASHMORE REEF	0320z	25Oct2023	1.5m
COCOS ISLAND	0351z	25Oct2023	1.3m
NINGALOO COAST	0404z	25Oct2023	16.1m

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PILBARA COAST WEST	0410z	25Oct2023	7.5m
PILBARA COAST EAST	0433z	25Oct2023	4.4m
WEST KIMBERLY COAST	0434z	25Oct2023	2.4m
GASCOYNE COAST	0452z	25Oct2023	4.3m
GERALDTON COAST	0507z	25Oct2023	1.9m
NORTH KIMBERLY COAST	0509z	25Oct2023	1.1m
LANCELIN COAST	0528z	25Oct2023	1.1m
PERTH COAST	0542z	25Oct2023	1.2m
BUNBURY GEOGRAPHE COAST	0555z	25Oct2023	1.5m
LEEUWIN COAST	0610z	25Oct2023	1.2m
ALBANY COAST	0706z	25Oct2023	0.5m
HEARD ISLAND AND MCDONALD ISLANDS	1033z	25Oct2023	3.1m
AURORA BANK	1050z	25Oct2023	1.6m

FRANCE

ILE SAINT-PAUL-NORTH	0805z	25Oct2023	1.1m
ILE SAINT-PAUL-SOUTH	0831z	25Oct2023	1.0m
ILE KERGUELEN	1028z	25Oct2023	3.1m
SAINT-DENIS	1107z	25Oct2023	0.5m
ILE DE LA POSSESSION	1108z	25Oct2023	1.1m
SAINT - JOSEPH	1113z	25Oct2023	0.7m
CROZET PLATEAU	1136z	25Oct2023	1.6m
NES CROZET	1202z	25Oct2023	0.8m

INDIA

MINICOY	0939z	25Oct2023	0.5m
ALLEPPEY ALAPPUZHA	1019z	25Oct2023	0.5m
KANYAKUMARI	1051z	25Oct2023	0.8m
MACHILIPATNAM	1055z	25Oct2023	0.6m
ENNORE	1103z	25Oct2023	0.6m
KAKINADA	1118z	25Oct2023	0.6m
VISAKHAPATNAM	1123z	25Oct2023	0.5m
KOODANKULAM	1132z	25Oct2023	0.5m
PERUPALEM	1133z	25Oct2023	1.0m
NIJAMPATTANAM	1200z	25Oct2023	0.6m
CHENNAI	1208z	25Oct2023	0.5m
MAHABALIPURAM	1210z	25Oct2023	0.5m
KAVARATTI	1320z	25Oct2023	0.5m
MARAKKANAM	1326z	25Oct2023	0.5m

INDONESIA

NTB LOMBOK-BARAT BAGIAN SELATAN	0218z	25Oct2023	8.8m
NTB SUMBAWA BAGIAN BARAT	0220z	25Oct2023	6.0m
JATIM BANYUWANGI BAGIAN SELATAN	0221z	25Oct2023	26.4m
BALI BADUNG PANTAI-KUTA	0221z	25Oct2023	16.1m
BALI KLUNGKUNG PULAU NUSAPENIDA	0221z	25Oct2023	13.5m
NTB LOMBOK-TENGAH	0222z	25Oct2023	11.3m
JATIM JEMBER PULAU NUSABARUNG	0223z	25Oct2023	22.1m
NTB SUMBAWA BAGIAN SELATAN	0224z	25Oct2023	5.9m
JATIM JEMBER	0225z	25Oct2023	28.4m
JATIM MALANG	0225z	25Oct2023	23.5m
NTB LOMBOK-TIMUR BAGIAN SELATAN	0225z	25Oct2023	8.4m
JATIM BANYUWANGI BAGIAN TIMUR	0226z	25Oct2023	9.8m

JATIM BLITAR	0228z	250ct2023	22.6m
JATIM TULUNGAGUNG	0228z	250ct2023	19.4m
JATIM TRENGGALEK	0229z	250ct2023	28.4m
BALI KARANG-ASEM BAGIAN SELATAN	0231z	250ct2023	8.6m
JATENG WONOGIRI	0231z	250ct2023	29.4m
BALI JEMBRANA	0231z	250ct2023	10.4m
DIY GUNUNG-KIDUL	0232z	250ct2023	23.8m
BALI KLUNGKUNG	0232z	250ct2023	8.3m
BALI DENPASAR PANTAI-SANUR	0233z	250ct2023	13.5m
BALI KARANG-ASEM BAGIAN UTARA	0233z	250ct2023	2.2m
JATIM PACITAN	0233z	250ct2023	27.2m
BALI GIANYAR	0234z	250ct2023	10.4m
DIY BANTUL	0235z	250ct2023	13.4m
NTB LOMBOK-BARAT BAGIAN UTARA	0235z	250ct2023	2.6m
NTB LOMBOK-TIMUR BAGIAN TIMUR	0236z	250ct2023	8.1m
DIY KULON-PROGO	0237z	250ct2023	15.8m
JATIM LUMAJANG	0237z	250ct2023	29.5m
NTB KOTA-MATARAM	0238z	250ct2023	11.9m
NTB DOMPU BAGIAN SELATAN	0239z	250ct2023	6.8m
NTT SUMBA BAGIAN BARAT	0240z	250ct2023	4.3m
BALI TABANAN	0241z	250ct2023	19.8m
NTB KOTA-BIMA BAGIAN SELATAN	0241z	250ct2023	3.6m
JABAR GARUT	0242z	250ct2023	6.0m
JATENG PURWOREJO	0243z	250ct2023	11.9m
JABAR TASIKMALAYA	0244z	250ct2023	8.5m
NTT SUMBA BAGIAN TIMUR	0244z	250ct2023	3.9m
JABAR CIAMIS	0244z	250ct2023	8.0m
BALI BULELENG BAGIAN TIMUR	0244z	250ct2023	1.8m
JABAR CIANJUR SINDANGBARANG	0245z	250ct2023	6.6m
JATENG KEBUMEN	0245z	250ct2023	10.7m
NTB LOMBOK-TIMUR BAGIAN UTARA	0250z	250ct2023	2.0m
JABAR SUKABUMI UJUNG-GENTENG	0250z	250ct2023	7.0m
JATENG CILACAP	0252z	250ct2023	10.4m
NTT KEPULAUAN MANGGARAI-BARAT	0253z	250ct2023	4.2m
NTB BIMA PULAU GILI	0253z	250ct2023	3.3m
JABAR SUKABUMI PELABUHAN-RATU	0255z	250ct2023	4.1m
BANTEN LEBAK	0256z	250ct2023	4.1m
JATIM SUMENEP	0257z	250ct2023	1.1m
BANTEN PANDEGLANG BAGIAN SELATAN	0258z	250ct2023	4.3m
BALI BULELENG BAGIAN BARAT	0259z	250ct2023	2.3m
NTT KUPANG	0300z	250ct2023	1.8m
NTT MANGGARAI-BARAT BAGIAN SELATAN	0301z	250ct2023	4.3m
BANTEN PANDEGLANG PULAU PANAITAN	0302z	250ct2023	3.4m
NTB SUMBAWA BAGIAN UTARA	0304z	250ct2023	1.4m
NTB BIMA	0309z	250ct2023	1.0m
JATIM SITUBONDO	0311z	250ct2023	1.0m
NTB SUMBAWA	0313z	250ct2023	1.2m
NTT ROTENDAO	0314z	250ct2023	2.7m
NTT MANGGARAI BAGIAN SELATAN	0316z	250ct2023	2.9m
NTB KOTA-BIMA BAGIAN UTARA	0322z	250ct2023	1.0m
NTT NGADA BAGIAN SELATAN	0326z	250ct2023	3.4m
NTB DOMPU BAGIAN BARAT	0328z	250ct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0332z	250ct2023	2.7m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0333z	250ct2023	2.5m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0333z	250ct2023	2.2m
LAMPUNG TANGGAMUS BAGIAN BARAT	0338z	250ct2023	2.3m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	0340z	250ct2023	2.1m
BANTEN PANDEGLANG BAGIAN UTARA	0341z	250ct2023	2.0m
LAMPUNG TANGGAMUS PULAU TABUAN	0341z	250ct2023	1.6m

NTT ENDE BAGIAN SELATAN	0344z	25Oct2023	2.8m
NTT FLORES-TIMUR PULAU ADONARA	0344z	25Oct2023	1.0m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0345z	25Oct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	0345z	25Oct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	0347z	25Oct2023	2.5m
NTT SIKKA BAGIAN SELATAN	0349z	25Oct2023	2.2m
NTT LEMBATA BAGIAN UTARA	0350z	25Oct2023	0.5m
NTB BIMA PULAU SANGIANG	0351z	25Oct2023	1.1m
NTT FLORES-TIMUR BAGIAN SELATAN	0354z	25Oct2023	1.5m
BENGKULU KAUR	0358z	25Oct2023	2.0m
NTT FLORES-TIMUR PULAU SOLOR	0400z	25Oct2023	1.6m
NTT LEMBATA BAGIAN SELATAN	0404z	25Oct2023	1.9m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0406z	25Oct2023	3.1m
NTT ALOR BAGIAN SELATAN	0408z	25Oct2023	1.4m
NTT TIMOR-TENGAH-UTARA	0413z	25Oct2023	1.4m
NTT KOTA-KUPANG	0416z	25Oct2023	2.9m
BENGKULU SELUMA	0416z	25Oct2023	2.6m
NTT BELU BAGIAN UTARA	0424z	25Oct2023	0.9m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0427z	25Oct2023	1.9m
NTB DOMPU BAGIAN UTARA	0432z	25Oct2023	0.9m
NTT ALOR BAGIAN UTARA	0456z	25Oct2023	0.5m
NTT TIMOR-TENGAH-SELATAN	0500z	25Oct2023	0.6m
BENGKULU BENGKULU-SELATAN	0507z	25Oct2023	1.9m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0528z	25Oct2023	1.9m
NTT SIKKA BAGIAN UTARA	0535z	25Oct2023	0.7m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0540z	25Oct2023	2.0m
SULSEL JENEPONTO	0541z	25Oct2023	0.9m
SULSEL MAROS	0543z	25Oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	0549z	25Oct2023	1.4m
SULSEL TAKALAR	0558z	25Oct2023	0.8m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0602z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0620z	25Oct2023	0.9m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0627z	25Oct2023	1.0m
BANTEN KOTA-CILEGON PULAU SANGIA	0633z	25Oct2023	1.4m
NTT FLORES-TIMUR BAGIAN UTARA	0635z	25Oct2023	0.7m
BANTEN SERANG BAGIAN BARAT	0639z	25Oct2023	1.6m
NTT PULAU ENDE	0641z	25Oct2023	0.5m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	0642z	25Oct2023	1.5m
BENGKULU MUKOMUKO	0647z	25Oct2023	1.8m
BANTEN KOTA-CILEGON	0649z	25Oct2023	1.8m
JATIM PAMEKASAN	0716z	25Oct2023	0.5m
SULSEL SELAYAR	0723z	25Oct2023	0.5m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	0730z	25Oct2023	0.5m
JATIM SAMPANG	0740z	25Oct2023	0.5m
SULSEL PANGKAJENE-KEPULAUAN	0745z	25Oct2023	0.9m
NTT PULAU SIKKA	0747z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	0804z	25Oct2023	1.1m
NTT ENDE BAGIAN UTARA	0805z	25Oct2023	0.5m
SULSEL BANTAENG	0817z	25Oct2023	1.2m
SUMBAR KOTA-PADANG BAGIAN UTARA	0826z	25Oct2023	0.5m
NTT MANGGARAI-BARAT BAGIAN UTARA	0832z	25Oct2023	0.5m
SUMUT NIAS BAGIAN BARAT	0840z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0842z	25Oct2023	0.6m
SUMBAR PASAMAN-BARAT	0910z	25Oct2023	0.5m
JATIM BANGKALAN	0911z	25Oct2023	0.6m
SULSEL BARRU	0933z	25Oct2023	0.5m
SULSEL KOTA-MAKASSAR	0933z	25Oct2023	0.9m
SUMBAR KOTA-PADANG BAGIAN SELATAN	0934z	25Oct2023	1.0m
SUMUT NIAS-SELATAN PULAU NIAS	0943z	25Oct2023	0.8m

SUMBAR PADANG-PARIAMAN BAGIAN UTARA	0943z	25Oct2023	0.6m
NAD ACEH-BESAR BAGIAN BARAT	0956z	25Oct2023	0.7m
JATIM PASURUAN	1007z	25Oct2023	0.5m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	1038z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANABALA	1047z	25Oct2023	0.7m
JATIM PROBOLINGGO	1052z	25Oct2023	0.5m
NAD SIMEULUE PULAU SIMEULUE	1132z	25Oct2023	0.5m
NTT MANGGARAI BAGIAN UTARA	1132z	25Oct2023	0.5m
NTT BELU BAGIAN SELATAN	1134z	25Oct2023	0.6m
SUMBAR AGAM	1208z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU PINI	1209z	25Oct2023	0.7m
NAD ACEH-JAYA	1209z	25Oct2023	0.6m
KALSEL TANAHLAUT	1209z	25Oct2023	0.5m
SUMUT KOTA-SIBOLGA	1214z	25Oct2023	0.5m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1232z	25Oct2023	0.5m
SUMBAR KOTA-PARIAMAN	1240z	25Oct2023	0.5m
SULSEL SINJAI	1249z	25Oct2023	0.6m
SULSEL PINRANG	1303z	25Oct2023	0.5m
SULSEL KOTA-PARE-PARE	1304z	25Oct2023	0.5m
JATIM KOTA-PASURUAN	1331z	25Oct2023	0.5m
SUMUT MANDAILING-NATAL BAGIAN UTARA	1334z	25Oct2023	0.6m

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MADAGASCAR

FARAFAGANA	1114z	25Oct2023	1.2m
AMBAHY	1116z	25Oct2023	1.4m
TOAMASINA AIRPORT	1200z	25Oct2023	0.8m
VOHEMAR	1202z	25Oct2023	0.5m
TAMPOLO	1215z	25Oct2023	0.7m
MANANTENINA	1218z	25Oct2023	0.6m
SAMPONA	1257z	25Oct2023	0.5m

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MALDIVES

HITHADHOO	0829z	25Oct2023	0.9m
DHIYAMIGILI	0837z	25Oct2023	1.0m
THINADHOO	0840z	25Oct2023	0.9m
KOLHUFUSHI	0853z	25Oct2023	0.7m
MALE	0858z	25Oct2023	0.6m
KULHUDUFFUSHI	0907z	25Oct2023	0.7m
NILANDHOO	1024z	25Oct2023	0.6m
FERIDHOO	1327z	25Oct2023	0.5m

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MAURITIUS

LA FERME	0849z	25Oct2023	1.1m
CARGADOS CARAJOS	0932z	25Oct2023	1.4m
GRANDE REVIERE SUD EST-EAST	0940z	25Oct2023	3.9m
GRANDE REVIERE SUD EST-WEST	1059z	25Oct2023	0.9m

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OMAN

TAQAH	1340z	25Oct2023	0.6m
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SEYCHELLES

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FREGATE ISLAND 1345z 25Oct2023 0.6m  
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SOMALIA

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GALDOGOB 1249z 25Oct2023 0.5m  
ITALA 1253z 25Oct2023 0.5m  
CEEL DHEER 1255z 25Oct2023 0.5m  
MAREEG 1258z 25Oct2023 0.7m  
XARARDHEERE 1303z 25Oct2023 0.6m  
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SOUTH AFRICA

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FUNK SEAMOUNT 1335z 25Oct2023 0.6m  
NGQUELENI 1358z 25Oct2023 0.5m  
ELLIOTDALE 1359z 25Oct2023 0.5m  
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SRI LANKA

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KIRINDA 0813z 25Oct2023 1.3m  
GALLE 0830z 25Oct2023 0.9m  
OKANDA 0839z 25Oct2023 1.1m  
MATARA 0841z 25Oct2023 1.0m  
HAMBANTOTA 0842z 25Oct2023 1.8m  
AKKARAI PATTU 0937z 25Oct2023 0.7m  
BATTICALOA 0938z 25Oct2023 0.7m  
KATTANKUDI 0955z 25Oct2023 0.7m  
TANGALLE 1006z 25Oct2023 0.7m  
AMBALANGODA 1054z 25Oct2023 0.6m  
BERUWALA 1118z 25Oct2023 0.7m  
COLOMBO 1131z 25Oct2023 0.6m  
MORATUWA 1235z 25Oct2023 0.9m  
MULLAITTIVU 1252z 25Oct2023 0.5m  
PANKULAM 1253z 25Oct2023 0.5m  
NEGOMBO 1315z 25Oct2023 0.5m  
POTTUVIL 1316z 25Oct2023 0.8m  
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TIMOR-LESTE

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PANTE MACASSAR 0414z 25Oct2023 1.3m  
BOBONARO 0423z 25Oct2023 1.7m  
LIQUICA 0425z 25Oct2023 1.1m  
DILI 0547z 25Oct2023 0.9m  
BAUCAU 0602z 25Oct2023 0.7m  
COVALIMA 0951z 25Oct2023 0.6m  
MANUFAHI 1041z 25Oct2023 0.6m  
MANATUTO NORTH 1106z 25Oct2023 0.5m  
AINARO 1117z 25Oct2023 0.5m  
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UNITED KINGDOM

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DIEGO GARCIA 0745z 25Oct2023 1.3m  
MORESBY ISLAND 0830z 25Oct2023 0.9m  
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NW EGMONT ISLAND 0843z 25Oct2023 1.1m

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YEMEN

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SOCOTRA ISLAND SOUTH 1229z 25Oct2023 0.8m  
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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](mailto:inartsp@bmkg.go.id)

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

END OF BULLETIN

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TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST  
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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-20231025-1000-011

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TSUNAMI BULLETIN NUMBER 11 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 1000 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

## 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)
DART 53046	AUSTRALIA	11.45S	113.61E	0210z	UTC 25 Oct 2023	3.5m
Benoa	INDONESIA	8.77S	115.22E	0226z	UTC 25 Oct 2023	11.8m
Christmas Island	AUSTRALIA	10.43S	105.67E	0230z	UTC 25 Oct 2023	1.1m
DART 56001	AUSTRALIA	14.05S	110.03E	0236z	UTC 25 Oct 2023	2.3m
DART 56003	AUSTRALIA	15.02S	118.07E	0236z	UTC 25 Oct 2023	1.0m
Prigi	INDONESIA	8.28S	111.73E	0236z	UTC 25 Oct 2023	9.1m
Sadeng	INDONESIA	8.19S	110.80E	0240z	UTC 25 Oct 2023	17.6m
Waikelo	INDONESIA	9.39S	119.22E	0247z	UTC 25 Oct 2023	5.2m
Lembar	INDONESIA	8.73S	116.07E	0248z	UTC 25 Oct 2023	7.9m
Cilacap	INDONESIA	7.75S	109.00E	0251z	UTC 25 Oct 2023	11.5m
Pangandaran	INDONESIA	7.75S	108.50E	0254z	UTC 25 Oct 2023	9.0m
Rote	INDONESIA	10.71S	123.06E	0318z	UTC 25 Oct 2023	0.9m
Enggano	INDONESIA	5.35S	102.28E	0335z	UTC 25 Oct 2023	2.4m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0342z	UTC 25 Oct 2023	2.0m
Cocos Island	AUSTRALIA	12.12S	96.89E	0346z	UTC 25 Oct 2023	0.7m
Sebesi Island	INDONESIA	5.94S	105.51E	0349z	UTC 25 Oct 2023	2.9m
Marina Jambu	INDONESIA	6.19S	105.84E	0352z	UTC 25 Oct 2023	1.5m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0423z	UTC 25 Oct 2023	18.0m
Seblat	INDONESIA	3.22S	101.60E	0427z	UTC 25 Oct 2023	1.7m
Tanahbala	INDONESIA	0.53S	98.50E	0438z	UTC 25 Oct 2023	0.5m
Telukdalam	INDONESIA	0.55N	97.82E	0442z	UTC 25 Oct 2023	1.0m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0446z	UTC 25 Oct 2023	6.9m
Bungus Port	INDONESIA	1.03S	100.40E	0459z	UTC 25 Oct 2023	1.0m
Ambon	INDONESIA	3.68S	128.18E	0503z	UTC 25 Oct 2023	1.7m



Padang	INDONESIA	0.95S	100.37E	0509z	UTC	25	Oct	2023	0.4m
Broome	AUSTRALIA	18.00S	122.22E	0542z	UTC	25	Oct	2023	1.0m
Port Hedland	AUSTRALIA	20.04S	118.42E	0556z	UTC	25	Oct	2023	2.0m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	0601z	UTC	25	Oct	2023	1.9m
Meulaboh	INDONESIA	4.13N	96.13E	0603z	UTC	25	Oct	2023	0.4m
Saumlaki	INDONESIA	7.98S	131.29E	0605z	UTC	25	Oct	2023	0.1m
Sabang	INDONESIA	5.38N	95.33E	0617z	UTC	25	Oct	2023	0.2m
Bitung	INDONESIA	1.44N	125.19E	0635z	UTC	25	Oct	2023	0.2m
Sibolga	INDONESIA	1.73N	98.80E	0635z	UTC	25	Oct	2023	0.3m
Nancowry	INDIA	8.05N	93.55E	0637z	UTC	25	Oct	2023	0.2m
Hambantota	SRI LANKA	6.12N	81.13E	0701z	UTC	25	Oct	2023	1.8m
Kirinda	SRI LANKA	6.20N	81.32E	0702z	UTC	25	Oct	2023	2.0m
Port Blair	INDIA	11.68N	92.76E	0710z	UTC	25	Oct	2023	0.1m
Trincomalee	SRI LANKA	8.56N	81.20E	0710z	UTC	25	Oct	2023	0.7m
Diego Garcia	UK	7.29S	72.39E	0713z	UTC	25	Oct	2023	1.3m
Ko Miang	THAILAND	8.55N	97.63E	0717z	UTC	25	Oct	2023	0.1m
Gan	MALDIVE	0.69S	73.15E	0720z	UTC	25	Oct	2023	0.9m
Colombo	SRI LANKA	6.95N	79.85E	0731z	UTC	25	Oct	2023	0.8m
Male	MALDIVE	4.19N	73.53E	0739z	UTC	25	Oct	2023	1.2m
DART 53401	INDONESIA	0.05N	91.90E	0748z	UTC	25	Oct	2023	0.1m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0755z	UTC	25	Oct	2023	0.1m
Esperance	AUSTRALIA	33.87S	121.90E	0801z	UTC	25	Oct	2023	0.3m
Hanimadhoo	MALDIVE	6.77N	73.17E	0804z	UTC	25	Oct	2023	0.8m
Saint Paul Island	FRANCE	38.71S	77.54E	0807z	UTC	25	Oct	2023	1.6m
Chennai	INDIA	13.10N	80.30E	0808z	UTC	25	Oct	2023	0.5m
Minicoy	INDIA	8.28N	73.05E	0813z	UTC	25	Oct	2023	0.6m
Visakhapatnam	INDIA	17.68N	83.28E	0836z	UTC	25	Oct	2023	0.6m
Davao	PHILIPPINES	7.15N	125.66E	0904z	UTC	25	Oct	2023	0.1m
Cochin	INDIA	9.96N	76.26E	0919z	UTC	25	Oct	2023	0.3m
Sittwe	MYANMAR	20.15N	92.90E	0921z	UTC	25	Oct	2023	0.2m
DART 23401	THAILAND	8.86N	88.55E	0928z	UTC	25	Oct	2023	0.0m
Langkawi	MALAYSIA	6.42N	99.77E	0931z	UTC	25	Oct	2023	0.1m
Portland	AUSTRALIA	38.34S	141.61E	0933z	UTC	25	Oct	2023	0.4m
Blue Bay	MAURITIUS	20.44S	57.71E	0935z	UTC	25	Oct	2023	1.3m
Pt.Louis	MAURITIUS	20.16S	57.50E	0949z	UTC	25	Oct	2023	1.1m
Sainte Marie	FRANCE	20.89S	55.54E	0956z	UTC	25	Oct	2023	1.4m

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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

CHRISTMAS ISLAND	0232z	25Oct2023	4.2m
ASHMORE REEF	0320z	25Oct2023	1.5m
COCOS ISLAND	0351z	25Oct2023	1.3m
NINGALOO COAST	0404z	25Oct2023	16.1m
PILBARA COAST WEST	0410z	25Oct2023	7.5m
PILBARA COAST EAST	0433z	25Oct2023	4.4m
WEST KIMBERLY COAST	0434z	25Oct2023	2.4m
GASCOYNE COAST	0452z	25Oct2023	4.3m
GERALDTON COAST	0507z	25Oct2023	1.9m
NORTH KIMBERLY COAST	0509z	25Oct2023	1.1m
LANCELIN COAST	0528z	25Oct2023	1.1m
PERTH COAST	0542z	25Oct2023	1.2m
BUNBURY GEOGRAPHE COAST	0555z	25Oct2023	1.5m
LEEWIN COAST	0610z	25Oct2023	1.2m
ALBANY COAST	0706z	25Oct2023	0.5m
HEARD ISLAND AND MCDONALD ISLANDS	1033z	25Oct2023	3.1m
AURORA BANK	1050z	25Oct2023	1.6m

FRANCE

ILE SAINT-PAUL-NORTH	0805z	25Oct2023	1.1m
ILE SAINT-PAUL-SOUTH	0831z	25Oct2023	1.0m
ILE KERGUELEN	1028z	25Oct2023	3.1m
SAINT-DENIS	1107z	25Oct2023	0.5m
ILE DE LA POSSESSION	1108z	25Oct2023	1.1m
SAINT - JOSEPH	1113z	25Oct2023	0.7m
CROZET PLATEAU	1136z	25Oct2023	1.6m
NES CROZET	1202z	25Oct2023	0.8m

INDIA

MINICOY	0939z	25Oct2023	0.5m
ALLEPPEY ALAPPUZHA	1019z	25Oct2023	0.5m
KANYAKUMARI	1051z	25Oct2023	0.8m
MACHILIPATNAM	1055z	25Oct2023	0.6m
ENNORE	1103z	25Oct2023	0.6m
KAKINADA	1118z	25Oct2023	0.6m
VISAKHAPATNAM	1123z	25Oct2023	0.5m
KOODANKULAM	1132z	25Oct2023	0.5m
PERUPALEM	1133z	25Oct2023	1.0m
NIJAMPATTANAM	1200z	25Oct2023	0.6m
CHENNAI	1208z	25Oct2023	0.5m
MAHABALIPURAM	1210z	25Oct2023	0.5m
KAVARATTI	1320z	25Oct2023	0.5m
MARAKKANAM	1326z	25Oct2023	0.5m

INDONESIA

NTB LOMBOK-BARAT BAGIAN SELATAN	0218z	25Oct2023	8.8m
NTB SUMBAWA BAGIAN BARAT	0220z	25Oct2023	6.0m
JATIM BANYUWANGI BAGIAN SELATAN	0221z	25Oct2023	26.4m

BALI BADUNG PANTAI-KUTA	0221z	25Oct2023	16.1m
BALI KLUNGKUNG PULAU NUSAPENIDA	0221z	25Oct2023	13.5m
NTB LOMBOK-TENGAH	0222z	25Oct2023	11.3m
JATIM JEMBER PULAU NUSABARUNG	0223z	25Oct2023	22.1m
NTB SUMBAWA BAGIAN SELATAN	0224z	25Oct2023	5.9m
JATIM JEMBER	0225z	25Oct2023	28.4m
JATIM MALANG	0225z	25Oct2023	23.5m
NTB LOMBOK-TIMUR BAGIAN SELATAN	0225z	25Oct2023	8.4m
JATIM BANYUWANGI BAGIAN TIMUR	0226z	25Oct2023	9.8m
JATIM BLITAR	0228z	25Oct2023	22.6m
JATIM TULUNGAGUNG	0228z	25Oct2023	19.4m
JATIM TRENGGALEK	0229z	25Oct2023	28.4m
BALI KARANG-ASEM BAGIAN SELATAN	0231z	25Oct2023	8.6m
JATENG WONOGIRI	0231z	25Oct2023	29.4m
BALI JEMBRANA	0231z	25Oct2023	10.4m
DIY GUNUNG-KIDUL	0232z	25Oct2023	23.8m
BALI KLUNGKUNG	0232z	25Oct2023	8.3m
BALI DENPASAR PANTAI-SANUR	0233z	25Oct2023	13.5m
BALI KARANG-ASEM BAGIAN UTARA	0233z	25Oct2023	2.2m
JATIM PACITAN	0233z	25Oct2023	27.2m
BALI GIANYAR	0234z	25Oct2023	10.4m
DIY BANTUL	0235z	25Oct2023	13.4m
NTB LOMBOK-BARAT BAGIAN UTARA	0235z	25Oct2023	2.6m
NTB LOMBOK-TIMUR BAGIAN TIMUR	0236z	25Oct2023	8.1m
DIY KULON-PROGO	0237z	25Oct2023	15.8m
JATIM LUMAJANG	0237z	25Oct2023	29.5m
NTB KOTA-MATARAM	0238z	25Oct2023	11.9m
NTB DOMPU BAGIAN SELATAN	0239z	25Oct2023	6.8m
NTT SUMBA BAGIAN BARAT	0240z	25Oct2023	4.3m
BALI TABANAN	0241z	25Oct2023	19.8m
NTB KOTA-BIMA BAGIAN SELATAN	0241z	25Oct2023	3.6m
JABAR GARUT	0242z	25Oct2023	6.0m
JATENG PURWOREJO	0243z	25Oct2023	11.9m
JABAR TASIKMALAYA	0244z	25Oct2023	8.5m
NTT SUMBA BAGIAN TIMUR	0244z	25Oct2023	3.9m
JABAR CIAMIS	0244z	25Oct2023	8.0m
BALI BULELENG BAGIAN TIMUR	0244z	25Oct2023	1.8m
JABAR CIANJUR SINDANGBARANG	0245z	25Oct2023	6.6m
JATENG KEBUMEN	0245z	25Oct2023	10.7m
NTB LOMBOK-TIMUR BAGIAN UTARA	0250z	25Oct2023	2.0m
JABAR SUKABUMI UJUNG-GENTENG	0250z	25Oct2023	7.0m
JATENG CILACAP	0252z	25Oct2023	10.4m
NTT KEPULAUAN MANGGARAI-BARAT	0253z	25Oct2023	4.2m
NTB BIMA PULAU GILI	0253z	25Oct2023	3.3m
JABAR SUKABUMI PELABUHAN-RATU	0255z	25Oct2023	4.1m
BANTEN LEBAK	0256z	25Oct2023	4.1m
JATIM SUMENEP	0257z	25Oct2023	1.1m
BANTEN PANDEGLANG BAGIAN SELATAN	0258z	25Oct2023	4.3m
BALI BULELENG BAGIAN BARAT	0259z	25Oct2023	2.3m
NTT KUPANG	0300z	25Oct2023	1.8m
NTT MANGGARAI-BARAT BAGIAN SELATAN	0301z	25Oct2023	4.3m
BANTEN PANDEGLANG PULAU PANAITAN	0302z	25Oct2023	3.4m
NTB SUMBAWA BAGIAN UTARA	0304z	25Oct2023	1.4m
NTB BIMA	0309z	25Oct2023	1.0m
JATIM SITUBONDO	0311z	25Oct2023	1.0m
NTB SUMBAWA	0313z	25Oct2023	1.2m
NTT ROTENDAO	0314z	25Oct2023	2.7m
NTT MANGGARAI BAGIAN SELATAN	0316z	25Oct2023	2.9m
NTB KOTA-BIMA BAGIAN UTARA	0322z	25Oct2023	1.0m

NTT NGADA BAGIAN SELATAN	0326z	250ct2023	3.4m
NTB DOMPU BAGIAN BARAT	0328z	250ct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0332z	250ct2023	2.7m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0333z	250ct2023	2.5m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0333z	250ct2023	2.2m
LAMPUNG TANGGAMUS BAGIAN BARAT	0338z	250ct2023	2.3m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	0340z	250ct2023	2.1m
BANTEN PANDEGLANG BAGIAN UTARA	0341z	250ct2023	2.0m
LAMPUNG TANGGAMUS PULAU TABUAN	0341z	250ct2023	1.6m
NTT ENDE BAGIAN SELATAN	0344z	250ct2023	2.8m
NTT FLORES-TIMUR PULAU ADONARA	0344z	250ct2023	1.0m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0345z	250ct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	0345z	250ct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	0347z	250ct2023	2.5m
NTT SIKKA BAGIAN SELATAN	0349z	250ct2023	2.2m
NTT LEMBATA BAGIAN UTARA	0350z	250ct2023	0.5m
NTB BIMA PULAU SANGIANG	0351z	250ct2023	1.1m
NTT FLORES-TIMUR BAGIAN SELATAN	0354z	250ct2023	1.5m
BENGKULU KAUR	0358z	250ct2023	2.0m
NTT FLORES-TIMUR PULAU SOLOR	0400z	250ct2023	1.6m
NTT LEMBATA BAGIAN SELATAN	0404z	250ct2023	1.9m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0406z	250ct2023	3.1m
NTT ALOR BAGIAN SELATAN	0408z	250ct2023	1.4m
NTT TIMOR-TENGAH-UTARA	0413z	250ct2023	1.4m
NTT KOTA-KUPANG	0416z	250ct2023	2.9m
BENGKULU SELUMA	0416z	250ct2023	2.6m
NTT BELU BAGIAN UTARA	0424z	250ct2023	0.9m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0427z	250ct2023	1.9m
NTB DOMPU BAGIAN UTARA	0432z	250ct2023	0.9m
NTT ALOR BAGIAN UTARA	0456z	250ct2023	0.5m
NTT TIMOR-TENGAH-SELATAN	0500z	250ct2023	0.6m
BENGKULU BENGKULU-SELATAN	0507z	250ct2023	1.9m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0528z	250ct2023	1.9m
NTT SIKKA BAGIAN UTARA	0535z	250ct2023	0.7m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0540z	250ct2023	2.0m
SULSEL JENEPONTO	0541z	250ct2023	0.9m
SULSEL MAROS	0543z	250ct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	0549z	250ct2023	1.4m
SULSEL TAKALAR	0558z	250ct2023	0.8m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0602z	250ct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0620z	250ct2023	0.9m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0627z	250ct2023	1.0m
BANTEN KOTA-CILEGON PULAU SANGIA	0633z	250ct2023	1.4m
NTT FLORES-TIMUR BAGIAN UTARA	0635z	250ct2023	0.7m
BANTEN SERANG BAGIAN BARAT	0639z	250ct2023	1.6m
NTT PULAU ENDE	0641z	250ct2023	0.5m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	0642z	250ct2023	1.5m
BENGKULU MUKOMUKO	0647z	250ct2023	1.8m
BANTEN KOTA-CILEGON	0649z	250ct2023	1.8m
JATIM PAMEKASAN	0716z	250ct2023	0.5m
SULSEL SELAYAR	0723z	250ct2023	0.5m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	0730z	250ct2023	0.5m
JATIM SAMPANG	0740z	250ct2023	0.5m
SULSEL PANGKAJENE-KEPULAUAN	0745z	250ct2023	0.9m
NTT PULAU SIKKA	0747z	250ct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	0804z	250ct2023	1.1m
NTT ENDE BAGIAN UTARA	0805z	250ct2023	0.5m
SULSEL BANTAENG	0817z	250ct2023	1.2m
SUMBAR KOTA-PADANG BAGIAN UTARA	0826z	250ct2023	0.5m

NTT MANGGARAI-BARAT BAGIAN UTARA	0832z	25Oct2023	0.5m
SUMUT NIAS BAGIAN BARAT	0840z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0842z	25Oct2023	0.6m
SUMBAR PASAMAN-BARAT	0910z	25Oct2023	0.5m
JATIM BANGKALAN	0911z	25Oct2023	0.6m
SULSEL BARRU	0933z	25Oct2023	0.5m
SULSEL KOTA-MAKASSAR	0933z	25Oct2023	0.9m
SUMBAR KOTA-PADANG BAGIAN SELATAN	0934z	25Oct2023	1.0m
SUMUT NIAS-SELATAN PULAU NIAS	0943z	25Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	0943z	25Oct2023	0.6m
NAD ACEH-BESAR BAGIAN BARAT	0956z	25Oct2023	0.7m
JATIM PASURUAN	1007z	25Oct2023	0.5m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	1038z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANABALA	1047z	25Oct2023	0.7m
JATIM PROBOLINGGO	1052z	25Oct2023	0.5m
NAD SIMEULUE PULAU SIMEULUE	1132z	25Oct2023	0.5m
NTT MANGGARAI BAGIAN UTARA	1132z	25Oct2023	0.5m
NTT BELU BAGIAN SELATAN	1134z	25Oct2023	0.6m
SUMBAR AGAM	1208z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU PINI	1209z	25Oct2023	0.7m
NAD ACEH-JAYA	1209z	25Oct2023	0.6m
KALSEL TANAHLAUT	1209z	25Oct2023	0.5m
SUMUT KOTA-SIBOLGA	1214z	25Oct2023	0.5m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1232z	25Oct2023	0.5m
SUMBAR KOTA-PARIAMAN	1240z	25Oct2023	0.5m
SULSEL SINJAI	1249z	25Oct2023	0.6m
SULSEL PINRANG	1303z	25Oct2023	0.5m
SULSEL KOTA-PARE-PARE	1304z	25Oct2023	0.5m
JATIM KOTA-PASURUAN	1331z	25Oct2023	0.5m
SUMUT MANDAILING-NATAL BAGIAN UTARA	1334z	25Oct2023	0.6m

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MADAGASCAR

FARAFAGANA	1114z	25Oct2023	1.2m
AMBAHY	1116z	25Oct2023	1.4m
TOAMASINA AIRPORT	1200z	25Oct2023	0.8m
VOHEMAR	1202z	25Oct2023	0.5m
TAMPOLO	1215z	25Oct2023	0.7m
MANANTENINA	1218z	25Oct2023	0.6m
SAMPONA	1257z	25Oct2023	0.5m

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MALDIVES

HITHADHOO	0829z	25Oct2023	0.9m
DHIYAMIGILI	0837z	25Oct2023	1.0m
THINADHOO	0840z	25Oct2023	0.9m
KOLHUFUSHI	0853z	25Oct2023	0.7m
MALE	0858z	25Oct2023	0.6m
KULHUDUFFUSHI	0907z	25Oct2023	0.7m
NILANDHOO	1024z	25Oct2023	0.6m
FERIDHOO	1327z	25Oct2023	0.5m

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MAURITIUS

LA FERME	0849z	25Oct2023	1.1m
CARGADOS CARAJOS	0932z	25Oct2023	1.4m

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GRANDE REVIERE SUD EST-EAST	0940z	25Oct2023	3.9m
GRANDE REVIERE SUD EST-WEST	1059z	25Oct2023	0.9m

OMAN

TAQAH	1340z	25Oct2023	0.6m
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SEYCHELLES

FREGATE ISLAND	1345z	25Oct2023	0.6m
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SOMALIA

GALDOGOB	1249z	25Oct2023	0.5m
ITALA	1253z	25Oct2023	0.5m
CEEL DHEER	1255z	25Oct2023	0.5m
MAREEG	1258z	25Oct2023	0.7m
XARARDHEERE	1303z	25Oct2023	0.6m

SOUTH AFRICA

FUNK SEAMOUNT	1335z	25Oct2023	0.6m
NGQUELENI	1358z	25Oct2023	0.5m
ELLIOTDALE	1359z	25Oct2023	0.5m

SRI LANKA

KIRINDA	0813z	25Oct2023	1.3m
GALLE	0830z	25Oct2023	0.9m
OKANDA	0839z	25Oct2023	1.1m
MATARA	0841z	25Oct2023	1.0m
HAMBANTOTA	0842z	25Oct2023	1.8m
AKKARAI PATTU	0937z	25Oct2023	0.7m
BATTICALOA	0938z	25Oct2023	0.7m
KATTANKUDI	0955z	25Oct2023	0.7m
TANGALLE	1006z	25Oct2023	0.7m
AMBALANGODA	1054z	25Oct2023	0.6m
BERUWALA	1118z	25Oct2023	0.7m
COLOMBO	1131z	25Oct2023	0.6m
MORATUWA	1235z	25Oct2023	0.9m
MULLAITTIVU	1252z	25Oct2023	0.5m
PANKULAM	1253z	25Oct2023	0.5m
NEGOMBO	1315z	25Oct2023	0.5m
POTTUVIL	1316z	25Oct2023	0.8m

TIMOR-LESTE

PANTE MACASSAR	0414z	25Oct2023	1.3m
BOBONARO	0423z	25Oct2023	1.7m
LIQUICA	0425z	25Oct2023	1.1m
DILI	0547z	25Oct2023	0.9m
BAUCAU	0602z	25Oct2023	0.7m
COVALIMA	0951z	25Oct2023	0.6m

MANUFAHI	1041z	25Oct2023	0.6m
MANATUTO NORTH	1106z	25Oct2023	0.5m
AINARO	1117z	25Oct2023	0.5m

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UNITED KINGDOM

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DIEGO GARCIA	0745z	25Oct2023	1.3m
MORESBY ISLAND	0830z	25Oct2023	0.9m
NW EGMONT ISLAND	0843z	25Oct2023	1.1m

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YEMEN

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SOCOTRA ISLAND SOUTH	1229z	25Oct2023	0.8m
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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](mailto:inartsp@bmkg.go.id)

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

END OF BULLETIN

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TEST TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST  
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# 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-20231025-1100-012

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TSUNAMI BULLETIN NUMBER 12 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 1100 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

## 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)
DART 53046	AUSTRALIA	11.45S	113.61E	0210z	UTC 25 Oct 2023	3.5m
Benoa	INDONESIA	8.77S	115.22E	0226z	UTC 25 Oct 2023	11.8m
Christmas Island	AUSTRALIA	10.43S	105.67E	0230z	UTC 25 Oct 2023	1.1m
DART 56001	AUSTRALIA	14.05S	110.03E	0236z	UTC 25 Oct 2023	2.3m
DART 56003	AUSTRALIA	15.02S	118.07E	0236z	UTC 25 Oct 2023	1.0m
Prigi	INDONESIA	8.28S	111.73E	0236z	UTC 25 Oct 2023	9.1m
Sadeng	INDONESIA	8.19S	110.80E	0240z	UTC 25 Oct 2023	17.6m
Waikelo	INDONESIA	9.39S	119.22E	0247z	UTC 25 Oct 2023	5.2m
Lembar	INDONESIA	8.73S	116.07E	0248z	UTC 25 Oct 2023	7.9m
Cilacap	INDONESIA	7.75S	109.00E	0251z	UTC 25 Oct 2023	11.5m
Pangandaran	INDONESIA	7.75S	108.50E	0254z	UTC 25 Oct 2023	9.0m
Rote	INDONESIA	10.71S	123.06E	0318z	UTC 25 Oct 2023	0.9m
Enggano	INDONESIA	5.35S	102.28E	0335z	UTC 25 Oct 2023	2.4m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0342z	UTC 25 Oct 2023	2.0m
Cocos Island	AUSTRALIA	12.12S	96.89E	0346z	UTC 25 Oct 2023	0.7m
Sebesi Island	INDONESIA	5.94S	105.51E	0349z	UTC 25 Oct 2023	2.9m
Marina Jambu	INDONESIA	6.19S	105.84E	0352z	UTC 25 Oct 2023	1.5m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0423z	UTC 25 Oct 2023	18.0m
Seblat	INDONESIA	3.22S	101.60E	0427z	UTC 25 Oct 2023	1.7m
Tanahbala	INDONESIA	0.53S	98.50E	0438z	UTC 25 Oct 2023	0.5m
Telukdalam	INDONESIA	0.55N	97.82E	0442z	UTC 25 Oct 2023	1.0m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0446z	UTC 25 Oct 2023	6.9m
Bungus Port	INDONESIA	1.03S	100.40E	0459z	UTC 25 Oct 2023	1.0m
Ambon	INDONESIA	3.68S	128.18E	0503z	UTC 25 Oct 2023	1.7m



Padang	INDONESIA	0.95S	100.37E	0509z	UTC	25	Oct	2023	0.4m
Broome	AUSTRALIA	18.00S	122.22E	0542z	UTC	25	Oct	2023	1.0m
Port Hedland	AUSTRALIA	20.04S	118.42E	0556z	UTC	25	Oct	2023	2.0m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	0601z	UTC	25	Oct	2023	1.9m
Meulaboh	INDONESIA	4.13N	96.13E	0603z	UTC	25	Oct	2023	0.4m
Saumlaki	INDONESIA	7.98S	131.29E	0605z	UTC	25	Oct	2023	0.1m
Sabang	INDONESIA	5.38N	95.33E	0617z	UTC	25	Oct	2023	0.2m
Bitung	INDONESIA	1.44N	125.19E	0635z	UTC	25	Oct	2023	0.2m
Sibolga	INDONESIA	1.73N	98.80E	0635z	UTC	25	Oct	2023	0.3m
Nancowry	INDIA	8.05N	93.55E	0637z	UTC	25	Oct	2023	0.2m
Hambantota	SRI LANKA	6.12N	81.13E	0701z	UTC	25	Oct	2023	1.8m
Kirinda	SRI LANKA	6.20N	81.32E	0702z	UTC	25	Oct	2023	2.0m
Port Blair	INDIA	11.68N	92.76E	0710z	UTC	25	Oct	2023	0.1m
Trincomalee	SRI LANKA	8.56N	81.20E	0710z	UTC	25	Oct	2023	0.7m
Diego Garcia	UK	7.29S	72.39E	0713z	UTC	25	Oct	2023	1.3m
Ko Miang	THAILAND	8.55N	97.63E	0717z	UTC	25	Oct	2023	0.1m
Gan	MALDIVE	0.69S	73.15E	0720z	UTC	25	Oct	2023	0.9m
Colombo	SRI LANKA	6.95N	79.85E	0731z	UTC	25	Oct	2023	0.8m
Male	MALDIVE	4.19N	73.53E	0739z	UTC	25	Oct	2023	1.2m
DART 53401	INDONESIA	0.05N	91.90E	0748z	UTC	25	Oct	2023	0.1m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0755z	UTC	25	Oct	2023	0.1m
Esperance	AUSTRALIA	33.87S	121.90E	0801z	UTC	25	Oct	2023	0.3m
Hanimadhoo	MALDIVE	6.77N	73.17E	0804z	UTC	25	Oct	2023	0.8m
Saint Paul Island	FRANCE	38.71S	77.54E	0807z	UTC	25	Oct	2023	1.6m
Chennai	INDIA	13.10N	80.30E	0808z	UTC	25	Oct	2023	0.5m
Minicoy	INDIA	8.28N	73.05E	0813z	UTC	25	Oct	2023	0.6m
Visakhapatnam	INDIA	17.68N	83.28E	0836z	UTC	25	Oct	2023	0.6m
Davao	PHILIPPINES	7.15N	125.66E	0904z	UTC	25	Oct	2023	0.1m
Cochin	INDIA	9.96N	76.26E	0919z	UTC	25	Oct	2023	0.3m
Sittwe	MYANMAR	20.15N	92.90E	0921z	UTC	25	Oct	2023	0.2m
DART 23401	THAILAND	8.86N	88.55E	0928z	UTC	25	Oct	2023	0.0m
Langkawi	MALAYSIA	6.42N	99.77E	0931z	UTC	25	Oct	2023	0.1m
Portland	AUSTRALIA	38.34S	141.61E	0933z	UTC	25	Oct	2023	0.4m
Blue Bay	MAURITIUS	20.44S	57.71E	0935z	UTC	25	Oct	2023	1.3m
Pt.Louis	MAURITIUS	20.16S	57.50E	0949z	UTC	25	Oct	2023	1.1m
Sainte Marie	FRANCE	20.89S	55.54E	0956z	UTC	25	Oct	2023	1.4m
Agalega	MAURITIUS	10.35S	56.59E	1001z	UTC	25	Oct	2023	0.3m
Denis Island	SEYCHELLES	3.80S	55.67E	1005z	UTC	25	Oct	2023	0.2m
Darwin	AUSTRALIA	12.47S	130.85E	1034z	UTC	25	Oct	2023	0.4m
Thevenard	AUSTRALIA	32.15S	133.64E	1040z	UTC	25	Oct	2023	0.2m
Geraldton	AUSTRALIA	28.76S	114.56E	1042z	UTC	25	Oct	2023	1.1m
Battery Point	AUSTRALIA	42.89S	147.34E	1050z	UTC	25	Oct	2023	0.1m

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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

CHRISTMAS ISLAND	0232z	25Oct2023	4.2m
ASHMORE REEF	0320z	25Oct2023	1.5m
COCOS ISLAND	0351z	25Oct2023	1.3m
NINGALOO COAST	0404z	25Oct2023	16.1m
PILBARA COAST WEST	0410z	25Oct2023	7.5m
PILBARA COAST EAST	0433z	25Oct2023	4.4m
WEST KIMBERLY COAST	0434z	25Oct2023	2.4m
GASCOYNE COAST	0452z	25Oct2023	4.3m
GERALDTON COAST	0507z	25Oct2023	1.9m
NORTH KIMBERLY COAST	0509z	25Oct2023	1.1m
LANCELIN COAST	0528z	25Oct2023	1.1m
PERTH COAST	0542z	25Oct2023	1.2m
BUNBURY GEOGRAPHE COAST	0555z	25Oct2023	1.5m
LEEWIN COAST	0610z	25Oct2023	1.2m
ALBANY COAST	0706z	25Oct2023	0.5m
HEARD ISLAND AND MCDONALD ISLANDS	1033z	25Oct2023	3.1m
AURORA BANK	1050z	25Oct2023	1.6m

FRANCE

ILE SAINT-PAUL-NORTH	0805z	25Oct2023	1.1m
ILE SAINT-PAUL-SOUTH	0831z	25Oct2023	1.0m
ILE KERGUELEN	1028z	25Oct2023	3.1m
SAINT-DENIS	1107z	25Oct2023	0.5m
ILE DE LA POSSESSION	1108z	25Oct2023	1.1m
SAINT - JOSEPH	1113z	25Oct2023	0.7m
CROZET PLATEAU	1136z	25Oct2023	1.6m
NES CROZET	1202z	25Oct2023	0.8m

INDIA

MINICOY	0939z	25Oct2023	0.5m
ALLEPPEY ALAPPUZHA	1019z	25Oct2023	0.5m
KANYAKUMARI	1051z	25Oct2023	0.8m
MACHILIPATNAM	1055z	25Oct2023	0.6m
ENNORE	1103z	25Oct2023	0.6m
KAKINADA	1118z	25Oct2023	0.6m
VISAKHAPATNAM	1123z	25Oct2023	0.5m
KOODANKULAM	1132z	25Oct2023	0.5m
PERUPALEM	1133z	25Oct2023	1.0m
NIJAMPATTANAM	1200z	25Oct2023	0.6m
CHENNAI	1208z	25Oct2023	0.5m
MAHABALIPURAM	1210z	25Oct2023	0.5m
KAVARATTI	1320z	25Oct2023	0.5m
MARAKKANAM	1326z	25Oct2023	0.5m

INDONESIA

NTB LOMBOK-BARAT BAGIAN SELATAN	0218z	250ct2023	8.8m
NTB SUMBAWA BAGIAN BARAT	0220z	250ct2023	6.0m
JATIM BANYUWANGI BAGIAN SELATAN	0221z	250ct2023	26.4m
BALI BADUNG PANTAI-KUTA	0221z	250ct2023	16.1m
BALI KLUNGKUNG PULAU NUSAPENIDA	0221z	250ct2023	13.5m
NTB LOMBOK-TENGAH	0222z	250ct2023	11.3m
JATIM JEMBER PULAU NUSABARUNG	0223z	250ct2023	22.1m
NTB SUMBAWA BAGIAN SELATAN	0224z	250ct2023	5.9m
JATIM JEMBER	0225z	250ct2023	28.4m
JATIM MALANG	0225z	250ct2023	23.5m
NTB LOMBOK-TIMUR BAGIAN SELATAN	0225z	250ct2023	8.4m
JATIM BANYUWANGI BAGIAN TIMUR	0226z	250ct2023	9.8m
JATIM BLITAR	0228z	250ct2023	22.6m
JATIM TULUNGAGUNG	0228z	250ct2023	19.4m
JATIM TRENGGALEK	0229z	250ct2023	28.4m
BALI KARANG-ASEM BAGIAN SELATAN	0231z	250ct2023	8.6m
JATENG WONOGIRI	0231z	250ct2023	29.4m
BALI JEMBRANA	0231z	250ct2023	10.4m
DIY GUNUNG-KIDUL	0232z	250ct2023	23.8m
BALI KLUNGKUNG	0232z	250ct2023	8.3m
BALI DENPASAR PANTAI-SANUR	0233z	250ct2023	13.5m
BALI KARANG-ASEM BAGIAN UTARA	0233z	250ct2023	2.2m
JATIM PACITAN	0233z	250ct2023	27.2m
BALI GIANYAR	0234z	250ct2023	10.4m
DIY BANTUL	0235z	250ct2023	13.4m
NTB LOMBOK-BARAT BAGIAN UTARA	0235z	250ct2023	2.6m
NTB LOMBOK-TIMUR BAGIAN TIMUR	0236z	250ct2023	8.1m
DIY KULON-PROGO	0237z	250ct2023	15.8m
JATIM LUMAJANG	0237z	250ct2023	29.5m
NTB KOTA-MATARAM	0238z	250ct2023	11.9m
NTB DOMPU BAGIAN SELATAN	0239z	250ct2023	6.8m
NTT SUMBA BAGIAN BARAT	0240z	250ct2023	4.3m
BALI TABANAN	0241z	250ct2023	19.8m
NTB KOTA-BIMA BAGIAN SELATAN	0241z	250ct2023	3.6m
JABAR GARUT	0242z	250ct2023	6.0m
JATENG PURWOREJO	0243z	250ct2023	11.9m
JABAR TASIKMALAYA	0244z	250ct2023	8.5m
NTT SUMBA BAGIAN TIMUR	0244z	250ct2023	3.9m
JABAR CIAMIS	0244z	250ct2023	8.0m
BALI BULELENG BAGIAN TIMUR	0244z	250ct2023	1.8m
JABAR CIANJUR SINDANGBARANG	0245z	250ct2023	6.6m
JATENG KEBUMEN	0245z	250ct2023	10.7m
NTB LOMBOK-TIMUR BAGIAN UTARA	0250z	250ct2023	2.0m
JABAR SUKABUMI UJUNG-GENTENG	0250z	250ct2023	7.0m
JATENG CILACAP	0252z	250ct2023	10.4m
NTT KEPULAUAN MANGGARAI-BARAT	0253z	250ct2023	4.2m
NTB BIMA PULAU GILI	0253z	250ct2023	3.3m
JABAR SUKABUMI PELABUHAN-RATU	0255z	250ct2023	4.1m
BANTEN LEBAK	0256z	250ct2023	4.1m
JATIM SUMENEP	0257z	250ct2023	1.1m
BANTEN PANDEGLANG BAGIAN SELATAN	0258z	250ct2023	4.3m
BALI BULELENG BAGIAN BARAT	0259z	250ct2023	2.3m
NTT KUPANG	0300z	250ct2023	1.8m
NTT MANGGARAI-BARAT BAGIAN SELATAN	0301z	250ct2023	4.3m
BANTEN PANDEGLANG PULAU PANAITAN	0302z	250ct2023	3.4m
NTB SUMBAWA BAGIAN UTARA	0304z	250ct2023	1.4m

NTB BIMA	0309z	250ct2023	1.0m
JATIM SITUBONDO	0311z	250ct2023	1.0m
NTB SUMBAWA	0313z	250ct2023	1.2m
NTT ROTENDAO	0314z	250ct2023	2.7m
NTT MANGGARAI BAGIAN SELATAN	0316z	250ct2023	2.9m
NTB KOTA-BIMA BAGIAN UTARA	0322z	250ct2023	1.0m
NTT NGADA BAGIAN SELATAN	0326z	250ct2023	3.4m
NTB DOMPU BAGIAN BARAT	0328z	250ct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0332z	250ct2023	2.7m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0333z	250ct2023	2.5m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0333z	250ct2023	2.2m
LAMPUNG TANGGAMUS BAGIAN BARAT	0338z	250ct2023	2.3m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	0340z	250ct2023	2.1m
BANTEN PANDEGLANG BAGIAN UTARA	0341z	250ct2023	2.0m
LAMPUNG TANGGAMUS PULAU TABUAN	0341z	250ct2023	1.6m
NTT ENDE BAGIAN SELATAN	0344z	250ct2023	2.8m
NTT FLORES-TIMUR PULAU ADONARA	0344z	250ct2023	1.0m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0345z	250ct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	0345z	250ct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	0347z	250ct2023	2.5m
NTT SIKKA BAGIAN SELATAN	0349z	250ct2023	2.2m
NTT LEMBATA BAGIAN UTARA	0350z	250ct2023	0.5m
NTB BIMA PULAU SANGIANG	0351z	250ct2023	1.1m
NTT FLORES-TIMUR BAGIAN SELATAN	0354z	250ct2023	1.5m
BENGKULU KAUR	0358z	250ct2023	2.0m
NTT FLORES-TIMUR PULAU SOLOR	0400z	250ct2023	1.6m
NTT LEMBATA BAGIAN SELATAN	0404z	250ct2023	1.9m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0406z	250ct2023	3.1m
NTT ALOR BAGIAN SELATAN	0408z	250ct2023	1.4m
NTT TIMOR-TENGAH-UTARA	0413z	250ct2023	1.4m
NTT KOTA-KUPANG	0416z	250ct2023	2.9m
BENGKULU SELUMA	0416z	250ct2023	2.6m
NTT BELU BAGIAN UTARA	0424z	250ct2023	0.9m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0427z	250ct2023	1.9m
NTB DOMPU BAGIAN UTARA	0432z	250ct2023	0.9m
NTT ALOR BAGIAN UTARA	0456z	250ct2023	0.5m
NTT TIMOR-TENGAH-SELATAN	0500z	250ct2023	0.6m
BENGKULU BENGKULU-SELATAN	0507z	250ct2023	1.9m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0528z	250ct2023	1.9m
NTT SIKKA BAGIAN UTARA	0535z	250ct2023	0.7m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0540z	250ct2023	2.0m
SULSEL JENEPONTO	0541z	250ct2023	0.9m
SULSEL MAROS	0543z	250ct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	0549z	250ct2023	1.4m
SULSEL TAKALAR	0558z	250ct2023	0.8m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0602z	250ct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0620z	250ct2023	0.9m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0627z	250ct2023	1.0m
BANTEN KOTA-CILEGON PULAU SANGIA	0633z	250ct2023	1.4m
NTT FLORES-TIMUR BAGIAN UTARA	0635z	250ct2023	0.7m
BANTEN SERANG BAGIAN BARAT	0639z	250ct2023	1.6m
NTT PULAU ENDE	0641z	250ct2023	0.5m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	0642z	250ct2023	1.5m
BENGKULU MUKOMUKO	0647z	250ct2023	1.8m
BANTEN KOTA-CILEGON	0649z	250ct2023	1.8m
JATIM PAMEKASAN	0716z	250ct2023	0.5m
SULSEL SELAYAR	0723z	250ct2023	0.5m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	0730z	250ct2023	0.5m
JATIM SAMPANG	0740z	250ct2023	0.5m

SULSEL PANGKAJENE-KEPULAUAN	0745z	25Oct2023	0.9m
NTT PULAU SIKKA	0747z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	0804z	25Oct2023	1.1m
NTT ENDE BAGIAN UTARA	0805z	25Oct2023	0.5m
SULSEL BANTAENG	0817z	25Oct2023	1.2m
SUMBAR KOTA-PADANG BAGIAN UTARA	0826z	25Oct2023	0.5m
NTT MANGGARAI-BARAT BAGIAN UTARA	0832z	25Oct2023	0.5m
SUMUT NIAS BAGIAN BARAT	0840z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0842z	25Oct2023	0.6m
SUMBAR PASAMAN-BARAT	0910z	25Oct2023	0.5m
JATIM BANGKALAN	0911z	25Oct2023	0.6m
SULSEL BARRU	0933z	25Oct2023	0.5m
SULSEL KOTA-MAKASSAR	0933z	25Oct2023	0.9m
SUMBAR KOTA-PADANG BAGIAN SELATAN	0934z	25Oct2023	1.0m
SUMUT NIAS-SELATAN PULAU NIAS	0943z	25Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	0943z	25Oct2023	0.6m
NAD ACEH-BESAR BAGIAN BARAT	0956z	25Oct2023	0.7m
JATIM PASURUAN	1007z	25Oct2023	0.5m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	1038z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANABALA	1047z	25Oct2023	0.7m
JATIM PROBOLINGGO	1052z	25Oct2023	0.5m
NAD SIMEULUE PULAU SIMEULUE	1132z	25Oct2023	0.5m
NTT MANGGARAI BAGIAN UTARA	1132z	25Oct2023	0.5m
NTT BELU BAGIAN SELATAN	1134z	25Oct2023	0.6m
SUMBAR AGAM	1208z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU PINI	1209z	25Oct2023	0.7m
NAD ACEH-JAYA	1209z	25Oct2023	0.6m
KALSEL TANAHLAUT	1209z	25Oct2023	0.5m
SUMUT KOTA-SIBOLGA	1214z	25Oct2023	0.5m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1232z	25Oct2023	0.5m
SUMBAR KOTA-PARIAMAN	1240z	25Oct2023	0.5m
SULSEL SINJAI	1249z	25Oct2023	0.6m
SULSEL PINRANG	1303z	25Oct2023	0.5m
SULSEL KOTA-PARE-PARE	1304z	25Oct2023	0.5m
JATIM KOTA-PASURUAN	1331z	25Oct2023	0.5m
SUMUT MANDAILING-NATAL BAGIAN UTARA	1334z	25Oct2023	0.6m

MADAGASCAR

FARAFAGANA	1114z	25Oct2023	1.2m
AMBAHY	1116z	25Oct2023	1.4m
TOAMASINA AIRPORT	1200z	25Oct2023	0.8m
VOHEMAR	1202z	25Oct2023	0.5m
TAMPOLO	1215z	25Oct2023	0.7m
MANANTENINA	1218z	25Oct2023	0.6m
SAMPONA	1257z	25Oct2023	0.5m

MALDIVES

HITHADHOO	0829z	25Oct2023	0.9m
DHIYAMIGILI	0837z	25Oct2023	1.0m
THINADHOO	0840z	25Oct2023	0.9m
KOLHUFUSHI	0853z	25Oct2023	0.7m
MALE	0858z	25Oct2023	0.6m
KULHUDUFFUSHI	0907z	25Oct2023	0.7m
NILANDHOO	1024z	25Oct2023	0.6m
FERIDHOO	1327z	25Oct2023	0.5m

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MAURITIUS  
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LA FERME	0849z	25Oct2023	1.1m
CARGADOS CARAJOS	0932z	25Oct2023	1.4m
GRANDE REVIERE SUD EST-EAST	0940z	25Oct2023	3.9m
GRANDE REVIERE SUD EST-WEST	1059z	25Oct2023	0.9m

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OMAN  
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TAQAH	1340z	25Oct2023	0.6m
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SEYCHELLES  
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FREGATE ISLAND	1345z	25Oct2023	0.6m
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SOMALIA  
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GALDOGOB	1249z	25Oct2023	0.5m
ITALA	1253z	25Oct2023	0.5m
CEEL DHEER	1255z	25Oct2023	0.5m
MAREEG	1258z	25Oct2023	0.7m
XARARDHEERE	1303z	25Oct2023	0.6m

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SOUTH AFRICA  
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FUNK SEAMOUNT	1335z	25Oct2023	0.6m
NGQUELENI	1358z	25Oct2023	0.5m
ELLIOTDALE	1359z	25Oct2023	0.5m

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SRI LANKA  
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KIRINDA	0813z	25Oct2023	1.3m
GALLE	0830z	25Oct2023	0.9m
OKANDA	0839z	25Oct2023	1.1m
MATARA	0841z	25Oct2023	1.0m
HAMBANTOTA	0842z	25Oct2023	1.8m
AKKARAI PATTU	0937z	25Oct2023	0.7m
BATTICALOA	0938z	25Oct2023	0.7m
KATTANKUDI	0955z	25Oct2023	0.7m
TANGALLE	1006z	25Oct2023	0.7m
AMBALANGODA	1054z	25Oct2023	0.6m
BERUWALA	1118z	25Oct2023	0.7m
COLOMBO	1131z	25Oct2023	0.6m
MORATUWA	1235z	25Oct2023	0.9m
MULLAITTIVU	1252z	25Oct2023	0.5m
PANKULAM	1253z	25Oct2023	0.5m
NEGOMBO	1315z	25Oct2023	0.5m
POTTUVIL	1316z	25Oct2023	0.8m

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TIMOR-LESTE  
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PANTE MACASSAR	0414z	25Oct2023	1.3m
BOBONARO	0423z	25Oct2023	1.7m
LIQUICA	0425z	25Oct2023	1.1m
DILI	0547z	25Oct2023	0.9m
BAUCAU	0602z	25Oct2023	0.7m
COVALIMA	0951z	25Oct2023	0.6m
MANUFAHI	1041z	25Oct2023	0.6m
MANATUTO NORTH	1106z	25Oct2023	0.5m
AINARO	1117z	25Oct2023	0.5m

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UNITED KINGDOM

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DIEGO GARCIA	0745z	25Oct2023	1.3m
MORESBY ISLAND	0830z	25Oct2023	0.9m
NW EGMONT ISLAND	0843z	25Oct2023	1.1m

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YEMEN

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SOCOTRA ISLAND SOUTH	1229z	25Oct2023	0.8m
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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](mailto:inartsp@bmkg.go.id)

[monitrtwp@bmkg.go.id](mailto: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  
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TSP-InaTEWS-20231025-1200-013

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TSUNAMI BULLETIN NUMBER 13 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 1200 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

## 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)
DART 53046	AUSTRALIA	11.45S	113.61E	0210z	UTC 25 Oct 2023	3.5m
Benoa	INDONESIA	8.77S	115.22E	0226z	UTC 25 Oct 2023	11.8m
Christmas Island	AUSTRALIA	10.43S	105.67E	0230z	UTC 25 Oct 2023	1.1m
DART 56001	AUSTRALIA	14.05S	110.03E	0236z	UTC 25 Oct 2023	2.3m
DART 56003	AUSTRALIA	15.02S	118.07E	0236z	UTC 25 Oct 2023	1.0m
Prigi	INDONESIA	8.28S	111.73E	0236z	UTC 25 Oct 2023	9.1m
Sadeng	INDONESIA	8.19S	110.80E	0240z	UTC 25 Oct 2023	17.6m
Waikelo	INDONESIA	9.39S	119.22E	0247z	UTC 25 Oct 2023	5.2m
Lembar	INDONESIA	8.73S	116.07E	0248z	UTC 25 Oct 2023	7.9m
Cilacap	INDONESIA	7.75S	109.00E	0251z	UTC 25 Oct 2023	11.5m
Pangandaran	INDONESIA	7.75S	108.50E	0254z	UTC 25 Oct 2023	9.0m
Rote	INDONESIA	10.71S	123.06E	0318z	UTC 25 Oct 2023	0.9m
Enggano	INDONESIA	5.35S	102.28E	0335z	UTC 25 Oct 2023	2.4m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0342z	UTC 25 Oct 2023	2.0m
Cocos Island	AUSTRALIA	12.12S	96.89E	0346z	UTC 25 Oct 2023	0.7m
Sebesi Island	INDONESIA	5.94S	105.51E	0349z	UTC 25 Oct 2023	2.9m
Marina Jambu	INDONESIA	6.19S	105.84E	0352z	UTC 25 Oct 2023	1.5m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0423z	UTC 25 Oct 2023	18.0m
Seblat	INDONESIA	3.22S	101.60E	0427z	UTC 25 Oct 2023	1.7m
Tanahbala	INDONESIA	0.53S	98.50E	0438z	UTC 25 Oct 2023	0.5m
Telukdalam	INDONESIA	0.55N	97.82E	0442z	UTC 25 Oct 2023	1.0m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0446z	UTC 25 Oct 2023	6.9m
Bungus Port	INDONESIA	1.03S	100.40E	0459z	UTC 25 Oct 2023	1.0m
Ambon	INDONESIA	3.68S	128.18E	0503z	UTC 25 Oct 2023	1.7m



Padang	INDONESIA	0.95S	100.37E	0509z	UTC	25	Oct	2023	0.4m
Broome	AUSTRALIA	18.00S	122.22E	0542z	UTC	25	Oct	2023	1.0m
Port Hedland	AUSTRALIA	20.04S	118.42E	0556z	UTC	25	Oct	2023	2.0m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	0601z	UTC	25	Oct	2023	1.9m
Meulaboh	INDONESIA	4.13N	96.13E	0603z	UTC	25	Oct	2023	0.4m
Saumlaki	INDONESIA	7.98S	131.29E	0605z	UTC	25	Oct	2023	0.1m
Sabang	INDONESIA	5.38N	95.33E	0617z	UTC	25	Oct	2023	0.2m
Bitung	INDONESIA	1.44N	125.19E	0635z	UTC	25	Oct	2023	0.2m
Sibolga	INDONESIA	1.73N	98.80E	0635z	UTC	25	Oct	2023	0.3m
Nancowry	INDIA	8.05N	93.55E	0637z	UTC	25	Oct	2023	0.2m
Hambantota	SRI LANKA	6.12N	81.13E	0701z	UTC	25	Oct	2023	1.8m
Kirinda	SRI LANKA	6.20N	81.32E	0702z	UTC	25	Oct	2023	2.0m
Port Blair	INDIA	11.68N	92.76E	0710z	UTC	25	Oct	2023	0.1m
Trincomalee	SRI LANKA	8.56N	81.20E	0710z	UTC	25	Oct	2023	0.7m
Diego Garcia	UK	7.29S	72.39E	0713z	UTC	25	Oct	2023	1.3m
Ko Miang	THAILAND	8.55N	97.63E	0717z	UTC	25	Oct	2023	0.1m
Gan	MALDIVE	0.69S	73.15E	0720z	UTC	25	Oct	2023	0.9m
Colombo	SRI LANKA	6.95N	79.85E	0731z	UTC	25	Oct	2023	0.8m
Male	MALDIVE	4.19N	73.53E	0739z	UTC	25	Oct	2023	1.2m
DART 53401	INDONESIA	0.05N	91.90E	0748z	UTC	25	Oct	2023	0.1m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0755z	UTC	25	Oct	2023	0.1m
Esperance	AUSTRALIA	33.87S	121.90E	0801z	UTC	25	Oct	2023	0.3m
Hanimadhoo	MALDIVE	6.77N	73.17E	0804z	UTC	25	Oct	2023	0.8m
Saint Paul Island	FRANCE	38.71S	77.54E	0807z	UTC	25	Oct	2023	1.6m
Chennai	INDIA	13.10N	80.30E	0808z	UTC	25	Oct	2023	0.5m
Minicoy	INDIA	8.28N	73.05E	0813z	UTC	25	Oct	2023	0.6m
Visakhapatnam	INDIA	17.68N	83.28E	0836z	UTC	25	Oct	2023	0.6m
Davao	PHILIPPINES	7.15N	125.66E	0904z	UTC	25	Oct	2023	0.1m
Cochin	INDIA	9.96N	76.26E	0919z	UTC	25	Oct	2023	0.3m
Sittwe	MYANMAR	20.15N	92.90E	0921z	UTC	25	Oct	2023	0.2m
DART 23401	THAILAND	8.86N	88.55E	0928z	UTC	25	Oct	2023	0.0m
Langkawi	MALAYSIA	6.42N	99.77E	0931z	UTC	25	Oct	2023	0.1m
Portland	AUSTRALIA	38.34S	141.61E	0933z	UTC	25	Oct	2023	0.4m
Blue Bay	MAURITIUS	20.44S	57.71E	0935z	UTC	25	Oct	2023	1.3m
Pt.Louis	MAURITIUS	20.16S	57.50E	0949z	UTC	25	Oct	2023	1.1m
Sainte Marie	FRANCE	20.89S	55.54E	0956z	UTC	25	Oct	2023	1.4m
Agalega	MAURITIUS	10.35S	56.59E	1001z	UTC	25	Oct	2023	0.3m
Denis Island	SEYCHELLES	3.80S	55.67E	1005z	UTC	25	Oct	2023	0.2m
Darwin	AUSTRALIA	12.47S	130.85E	1034z	UTC	25	Oct	2023	0.4m
Thevenard	AUSTRALIA	32.15S	133.64E	1040z	UTC	25	Oct	2023	0.2m
Geraldton	AUSTRALIA	28.76S	114.56E	1042z	UTC	25	Oct	2023	1.1m
Battery Point	AUSTRALIA	42.89S	147.34E	1050z	UTC	25	Oct	2023	0.1m
DART 55015	AUSTRALIA	46.96S	160.34E	1110z	UTC	25	Oct	2023	0.0m
Masirah	OMAN	20.68N	58.87E	1122z	UTC	25	Oct	2023	0.1m
Stony Point	AUSTRALIA	38.37S	145.23E	1134z	UTC	25	Oct	2023	0.1m
Toamasina	MADAGASCAR	18.15S	49.43E	1134z	UTC	25	Oct	2023	0.9m

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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

CHRISTMAS ISLAND	0232z	25Oct2023	4.2m
ASHMORE REEF	0320z	25Oct2023	1.5m
COCOS ISLAND	0351z	25Oct2023	1.3m
NINGALOO COAST	0404z	25Oct2023	16.1m
PILBARA COAST WEST	0410z	25Oct2023	7.5m
PILBARA COAST EAST	0433z	25Oct2023	4.4m
WEST KIMBERLY COAST	0434z	25Oct2023	2.4m
GASCOYNE COAST	0452z	25Oct2023	4.3m
GERALDTON COAST	0507z	25Oct2023	1.9m
NORTH KIMBERLY COAST	0509z	25Oct2023	1.1m
LANCELIN COAST	0528z	25Oct2023	1.1m
PERTH COAST	0542z	25Oct2023	1.2m
BUNBURY GEOGRAPHE COAST	0555z	25Oct2023	1.5m
LEEUWIN COAST	0610z	25Oct2023	1.2m
ALBANY COAST	0706z	25Oct2023	0.5m
HEARD ISLAND AND MCDONALD ISLANDS	1033z	25Oct2023	3.1m
AURORA BANK	1050z	25Oct2023	1.6m

FRANCE

ILE SAINT-PAUL-NORTH	0805z	25Oct2023	1.1m
ILE SAINT-PAUL-SOUTH	0831z	25Oct2023	1.0m
ILE KERGUELEN	1028z	25Oct2023	3.1m
SAINT-DENIS	1107z	25Oct2023	0.5m
ILE DE LA POSSESSION	1108z	25Oct2023	1.1m
SAINT - JOSEPH	1113z	25Oct2023	0.7m
CROZET PLATEAU	1136z	25Oct2023	1.6m
NES CROZET	1202z	25Oct2023	0.8m

INDIA

MINICOY	0939z	25Oct2023	0.5m
ALLEPPEY ALAPPUZHA	1019z	25Oct2023	0.5m
KANYAKUMARI	1051z	25Oct2023	0.8m
MACHILIPATNAM	1055z	25Oct2023	0.6m
ENNORE	1103z	25Oct2023	0.6m
KAKINADA	1118z	25Oct2023	0.6m
VISAKHAPATNAM	1123z	25Oct2023	0.5m
KODANKULAM	1132z	25Oct2023	0.5m
PERUPALEM	1133z	25Oct2023	1.0m
NIJAMPATTANAM	1200z	25Oct2023	0.6m
CHENNAI	1208z	25Oct2023	0.5m

MAHABALIPURAM	1210z	25Oct2023	0.5m
KAVARATTI	1320z	25Oct2023	0.5m
MARAKKANAM	1326z	25Oct2023	0.5m

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INDONESIA  
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NTB LOMBOK-BARAT BAGIAN SELATAN	0218z	25Oct2023	8.8m
NTB SUMBAWA BAGIAN BARAT	0220z	25Oct2023	6.0m
JATIM BANYUWANGI BAGIAN SELATAN	0221z	25Oct2023	26.4m
BALI BADUNG PANTAI-KUTA	0221z	25Oct2023	16.1m
BALI KLUNGKUNG PULAU NUSAPENIDA	0221z	25Oct2023	13.5m
NTB LOMBOK-TENGAH	0222z	25Oct2023	11.3m
JATIM JEMBER PULAU NUSABARUNG	0223z	25Oct2023	22.1m
NTB SUMBAWA BAGIAN SELATAN	0224z	25Oct2023	5.9m
JATIM JEMBER	0225z	25Oct2023	28.4m
JATIM MALANG	0225z	25Oct2023	23.5m
NTB LOMBOK-TIMUR BAGIAN SELATAN	0225z	25Oct2023	8.4m
JATIM BANYUWANGI BAGIAN TIMUR	0226z	25Oct2023	9.8m
JATIM BLITAR	0228z	25Oct2023	22.6m
JATIM TULUNGAGUNG	0228z	25Oct2023	19.4m
JATIM TRENGGALEK	0229z	25Oct2023	28.4m
BALI KARANG-ASEM BAGIAN SELATAN	0231z	25Oct2023	8.6m
JATENG WONOGIRI	0231z	25Oct2023	29.4m
BALI JEMBRANA	0231z	25Oct2023	10.4m
DIY GUNUNG-KIDUL	0232z	25Oct2023	23.8m
BALI KLUNGKUNG	0232z	25Oct2023	8.3m
BALI DENPASAR PANTAI-SANUR	0233z	25Oct2023	13.5m
BALI KARANG-ASEM BAGIAN UTARA	0233z	25Oct2023	2.2m
JATIM PACITAN	0233z	25Oct2023	27.2m
BALI GIANYAR	0234z	25Oct2023	10.4m
DIY BANTUL	0235z	25Oct2023	13.4m
NTB LOMBOK-BARAT BAGIAN UTARA	0235z	25Oct2023	2.6m
NTB LOMBOK-TIMUR BAGIAN TIMUR	0236z	25Oct2023	8.1m
DIY KULON-PROGO	0237z	25Oct2023	15.8m
JATIM LUMAJANG	0237z	25Oct2023	29.5m
NTB KOTA-MATARAM	0238z	25Oct2023	11.9m
NTB DOMPU BAGIAN SELATAN	0239z	25Oct2023	6.8m
NTT SUMBA BAGIAN BARAT	0240z	25Oct2023	4.3m
BALI TABANAN	0241z	25Oct2023	19.8m
NTB KOTA-BIMA BAGIAN SELATAN	0241z	25Oct2023	3.6m
JABAR GARUT	0242z	25Oct2023	6.0m
JATENG PURWOREJO	0243z	25Oct2023	11.9m
JABAR TASIKMALAYA	0244z	25Oct2023	8.5m
NTT SUMBA BAGIAN TIMUR	0244z	25Oct2023	3.9m
JABAR CIAMIS	0244z	25Oct2023	8.0m
BALI BULELENG BAGIAN TIMUR	0244z	25Oct2023	1.8m
JABAR CIANJUR SINDANGBARANG	0245z	25Oct2023	6.6m
JATENG KEBUMEN	0245z	25Oct2023	10.7m
NTB LOMBOK-TIMUR BAGIAN UTARA	0250z	25Oct2023	2.0m
JABAR SUKABUMI UJUNG-GENTENG	0250z	25Oct2023	7.0m
JATENG CILACAP	0252z	25Oct2023	10.4m
NTT KEPULAUAN MANGGARAI-BARAT	0253z	25Oct2023	4.2m
NTB BIMA PULAU GILI	0253z	25Oct2023	3.3m
JABAR SUKABUMI PELABUHAN-RATU	0255z	25Oct2023	4.1m
BANTEN LEBAK	0256z	25Oct2023	4.1m
JATIM SUMENEP	0257z	25Oct2023	1.1m
BANTEN PANDEGLANG BAGIAN SELATAN	0258z	25Oct2023	4.3m
BALI BULELENG BAGIAN BARAT	0259z	25Oct2023	2.3m

NTT KUPANG	0300z	250ct2023	1.8m
NTT MANGGARAI-BARAT BAGIAN SELATAN	0301z	250ct2023	4.3m
BANTEN PANDEGLANG PULAU PANAITAN	0302z	250ct2023	3.4m
NTB SUMBAWA BAGIAN UTARA	0304z	250ct2023	1.4m
NTB BIMA	0309z	250ct2023	1.0m
JATIM SITUBONDO	0311z	250ct2023	1.0m
NTB SUMBAWA	0313z	250ct2023	1.2m
NTT ROTENDAO	0314z	250ct2023	2.7m
NTT MANGGARAI BAGIAN SELATAN	0316z	250ct2023	2.9m
NTB KOTA-BIMA BAGIAN UTARA	0322z	250ct2023	1.0m
NTT NGADA BAGIAN SELATAN	0326z	250ct2023	3.4m
NTB DOMPU BAGIAN BARAT	0328z	250ct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0332z	250ct2023	2.7m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0333z	250ct2023	2.5m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0333z	250ct2023	2.2m
LAMPUNG TANGGAMUS BAGIAN BARAT	0338z	250ct2023	2.3m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	0340z	250ct2023	2.1m
BANTEN PANDEGLANG BAGIAN UTARA	0341z	250ct2023	2.0m
LAMPUNG TANGGAMUS PULAU TABUAN	0341z	250ct2023	1.6m
NTT ENDE BAGIAN SELATAN	0344z	250ct2023	2.8m
NTT FLORES-TIMUR PULAU ADONARA	0344z	250ct2023	1.0m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0345z	250ct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	0345z	250ct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	0347z	250ct2023	2.5m
NTT SIKKA BAGIAN SELATAN	0349z	250ct2023	2.2m
NTT LEMBATA BAGIAN UTARA	0350z	250ct2023	0.5m
NTB BIMA PULAU SANGIANG	0351z	250ct2023	1.1m
NTT FLORES-TIMUR BAGIAN SELATAN	0354z	250ct2023	1.5m
BENGKULU KAUR	0358z	250ct2023	2.0m
NTT FLORES-TIMUR PULAU SOLOR	0400z	250ct2023	1.6m
NTT LEMBATA BAGIAN SELATAN	0404z	250ct2023	1.9m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0406z	250ct2023	3.1m
NTT ALOR BAGIAN SELATAN	0408z	250ct2023	1.4m
NTT TIMOR-TENGAH-UTARA	0413z	250ct2023	1.4m
NTT KOTA-KUPANG	0416z	250ct2023	2.9m
BENGKULU SELUMA	0416z	250ct2023	2.6m
NTT BELU BAGIAN UTARA	0424z	250ct2023	0.9m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0427z	250ct2023	1.9m
NTB DOMPU BAGIAN UTARA	0432z	250ct2023	0.9m
NTT ALOR BAGIAN UTARA	0456z	250ct2023	0.5m
NTT TIMOR-TENGAH-SELATAN	0500z	250ct2023	0.6m
BENGKULU BENGKULU-SELATAN	0507z	250ct2023	1.9m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0528z	250ct2023	1.9m
NTT SIKKA BAGIAN UTARA	0535z	250ct2023	0.7m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0540z	250ct2023	2.0m
SULSEL JENEPONTO	0541z	250ct2023	0.9m
SULSEL MAROS	0543z	250ct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	0549z	250ct2023	1.4m
SULSEL TAKALAR	0558z	250ct2023	0.8m
SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0602z	250ct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0620z	250ct2023	0.9m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0627z	250ct2023	1.0m
BANTEN KOTA-CILEGON PULAU SANGIA	0633z	250ct2023	1.4m
NTT FLORES-TIMUR BAGIAN UTARA	0635z	250ct2023	0.7m
BANTEN SERANG BAGIAN BARAT	0639z	250ct2023	1.6m
NTT PULAU ENDE	0641z	250ct2023	0.5m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	0642z	250ct2023	1.5m
BENGKULU MUKOMUKO	0647z	250ct2023	1.8m
BANTEN KOTA-CILEGON	0649z	250ct2023	1.8m

JATIM PAMEKASAN	0716z	25Oct2023	0.5m
SULSEL SELAYAR	0723z	25Oct2023	0.5m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	0730z	25Oct2023	0.5m
JATIM SAMPANG	0740z	25Oct2023	0.5m
SULSEL PANGKAJENE-KEPULAUAN	0745z	25Oct2023	0.9m
NTT PULAU SIKKA	0747z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	0804z	25Oct2023	1.1m
NTT ENDE BAGIAN UTARA	0805z	25Oct2023	0.5m
SULSEL BANTAENG	0817z	25Oct2023	1.2m
SUMBAR KOTA-PADANG BAGIAN UTARA	0826z	25Oct2023	0.5m
NTT MANGGARAI-BARAT BAGIAN UTARA	0832z	25Oct2023	0.5m
SUMUT NIAS BAGIAN BARAT	0840z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0842z	25Oct2023	0.6m
SUMBAR PASAMAN-BARAT	0910z	25Oct2023	0.5m
JATIM BANGKALAN	0911z	25Oct2023	0.6m
SULSEL BARRU	0933z	25Oct2023	0.5m
SULSEL KOTA-MAKASSAR	0933z	25Oct2023	0.9m
SUMBAR KOTA-PADANG BAGIAN SELATAN	0934z	25Oct2023	1.0m
SUMUT NIAS-SELATAN PULAU NIAS	0943z	25Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	0943z	25Oct2023	0.6m
NAD ACEH-BESAR BAGIAN BARAT	0956z	25Oct2023	0.7m
JATIM PASURUAN	1007z	25Oct2023	0.5m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	1038z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANABALA	1047z	25Oct2023	0.7m
JATIM PROBOLINGGO	1052z	25Oct2023	0.5m
NAD SIMEULUE PULAU SIMEULUE	1132z	25Oct2023	0.5m
NTT MANGGARAI BAGIAN UTARA	1132z	25Oct2023	0.5m
NTT BELU BAGIAN SELATAN	1134z	25Oct2023	0.6m
SUMBAR AGAM	1208z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU PINI	1209z	25Oct2023	0.7m
NAD ACEH-JAYA	1209z	25Oct2023	0.6m
KALSEL TANAHLAUT	1209z	25Oct2023	0.5m
SUMUT KOTA-SIBOLGA	1214z	25Oct2023	0.5m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1232z	25Oct2023	0.5m
SUMBAR KOTA-PARIAMAN	1240z	25Oct2023	0.5m
SULSEL SINJAI	1249z	25Oct2023	0.6m
SULSEL PINRANG	1303z	25Oct2023	0.5m
SULSEL KOTA-PARE-PARE	1304z	25Oct2023	0.5m
JATIM KOTA-PASURUAN	1331z	25Oct2023	0.5m
SUMUT MANDAILING-NATAL BAGIAN UTARA	1334z	25Oct2023	0.6m

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MADAGASCAR

FARAFAGANA	1114z	25Oct2023	1.2m
AMBAHY	1116z	25Oct2023	1.4m
TOAMASINA AIRPORT	1200z	25Oct2023	0.8m
VOHEMAR	1202z	25Oct2023	0.5m
TAMPOLO	1215z	25Oct2023	0.7m
MANANTENINA	1218z	25Oct2023	0.6m
SAMPONA	1257z	25Oct2023	0.5m

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MALDIVES

HITHADHOO	0829z	25Oct2023	0.9m
DHIYAMIGILI	0837z	25Oct2023	1.0m
THINADHOO	0840z	25Oct2023	0.9m
KOLHUFUSHI	0853z	25Oct2023	0.7m

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MALE	0858z	25Oct2023	0.6m
KULHUDUFFUSHI	0907z	25Oct2023	0.7m
NILANDHOO	1024z	25Oct2023	0.6m
FERIDHOO	1327z	25Oct2023	0.5m

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MAURITIUS

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LA FERME	0849z	25Oct2023	1.1m
CARGADOS CARAJOS	0932z	25Oct2023	1.4m
GRANDE REVIERE SUD EST-EAST	0940z	25Oct2023	3.9m
GRANDE REVIERE SUD EST-WEST	1059z	25Oct2023	0.9m

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OMAN

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TAQAH	1340z	25Oct2023	0.6m
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SEYCHELLES

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FREGATE ISLAND	1345z	25Oct2023	0.6m
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SOMALIA

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GALDOGOB	1249z	25Oct2023	0.5m
ITALA	1253z	25Oct2023	0.5m
CEEL DHEER	1255z	25Oct2023	0.5m
MAREEG	1258z	25Oct2023	0.7m
XARARDHEERE	1303z	25Oct2023	0.6m

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SOUTH AFRICA

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FUNK SEAMOUNT	1335z	25Oct2023	0.6m
NGQUELENI	1358z	25Oct2023	0.5m
ELLIOTDALE	1359z	25Oct2023	0.5m

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SRI LANKA

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KIRINDA	0813z	25Oct2023	1.3m
GALLE	0830z	25Oct2023	0.9m
OKANDA	0839z	25Oct2023	1.1m
MATARA	0841z	25Oct2023	1.0m
HAMBANTOTA	0842z	25Oct2023	1.8m
AKKARAI PATTU	0937z	25Oct2023	0.7m
BATTICALOA	0938z	25Oct2023	0.7m
KATTANKUDI	0955z	25Oct2023	0.7m
TANGALLE	1006z	25Oct2023	0.7m
AMBALANGODA	1054z	25Oct2023	0.6m
BERUWALA	1118z	25Oct2023	0.7m
COLOMBO	1131z	25Oct2023	0.6m
MORATUWA	1235z	25Oct2023	0.9m
MULLAITTIVU	1252z	25Oct2023	0.5m
PANKULAM	1253z	25Oct2023	0.5m
NEGOMBO	1315z	25Oct2023	0.5m
POTTUVIL	1316z	25Oct2023	0.8m

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TIMOR-LESTE  
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PANTE MACASSAR	0414z	25Oct2023	1.3m
BOBONARO	0423z	25Oct2023	1.7m
LIQUICA	0425z	25Oct2023	1.1m
DILI	0547z	25Oct2023	0.9m
BAUCAU	0602z	25Oct2023	0.7m
COVALIMA	0951z	25Oct2023	0.6m
MANUFAHI	1041z	25Oct2023	0.6m
MANATUTO NORTH	1106z	25Oct2023	0.5m
AINARO	1117z	25Oct2023	0.5m

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UNITED KINGDOM  
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DIEGO GARCIA	0745z	25Oct2023	1.3m
MORESBY ISLAND	0830z	25Oct2023	0.9m
NW EGMONT ISLAND	0843z	25Oct2023	1.1m

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YEMEN  
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SOCOTRA ISLAND SOUTH	1229z	25Oct2023	0.8m
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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](mailto:inartsp@bmkg.go.id)

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

END OF BULLETIN  
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# BULLETIN 14

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-20231025-1300-014

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TSUNAMI BULLETIN NUMBER 14 (TYPE-III CONFIRMED THREAT BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 1300 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

## 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)
DART 53046	AUSTRALIA	11.45S	113.61E	0210z	UTC 25 Oct 2023	3.5m
Benoa	INDONESIA	8.77S	115.22E	0226z	UTC 25 Oct 2023	11.8m
Christmas Island	AUSTRALIA	10.43S	105.67E	0230z	UTC 25 Oct 2023	1.1m
DART 56001	AUSTRALIA	14.05S	110.03E	0236z	UTC 25 Oct 2023	2.3m
DART 56003	AUSTRALIA	15.02S	118.07E	0236z	UTC 25 Oct 2023	1.0m
Prigi	INDONESIA	8.28S	111.73E	0236z	UTC 25 Oct 2023	9.1m
Sadeng	INDONESIA	8.19S	110.80E	0240z	UTC 25 Oct 2023	17.6m
Waikelo	INDONESIA	9.39S	119.22E	0247z	UTC 25 Oct 2023	5.2m
Lembar	INDONESIA	8.73S	116.07E	0248z	UTC 25 Oct 2023	7.9m
Cilacap	INDONESIA	7.75S	109.00E	0251z	UTC 25 Oct 2023	11.5m
Pangandaran	INDONESIA	7.75S	108.50E	0254z	UTC 25 Oct 2023	9.0m
Rote	INDONESIA	10.71S	123.06E	0318z	UTC 25 Oct 2023	0.9m
Enggano	INDONESIA	5.35S	102.28E	0335z	UTC 25 Oct 2023	2.4m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0342z	UTC 25 Oct 2023	2.0m
Cocos Island	AUSTRALIA	12.12S	96.89E	0346z	UTC 25 Oct 2023	0.7m
Sebesi Island	INDONESIA	5.94S	105.51E	0349z	UTC 25 Oct 2023	2.9m
Marina Jambu	INDONESIA	6.19S	105.84E	0352z	UTC 25 Oct 2023	1.5m
Pt. Murat	AUSTRALIA	21.82S	114.19E	0423z	UTC 25 Oct 2023	18.0m
Seblat	INDONESIA	3.22S	101.60E	0427z	UTC 25 Oct 2023	1.7m
Tanahbala	INDONESIA	0.53S	98.50E	0438z	UTC 25 Oct 2023	0.5m
Telukdalam	INDONESIA	0.55N	97.82E	0442z	UTC 25 Oct 2023	1.0m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0446z	UTC 25 Oct 2023	6.9m
Bungus Port	INDONESIA	1.03S	100.40E	0459z	UTC 25 Oct 2023	1.0m
Ambon	INDONESIA	3.68S	128.18E	0503z	UTC 25 Oct 2023	1.7m

Padang	INDONESIA	0.95S	100.37E	0509z	UTC	25	Oct	2023	0.4m
Broome	AUSTRALIA	18.00S	122.22E	0542z	UTC	25	Oct	2023	1.0m
Port Hedland	AUSTRALIA	20.04S	118.42E	0556z	UTC	25	Oct	2023	2.0m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	0601z	UTC	25	Oct	2023	1.9m
Meulaboh	INDONESIA	4.13N	96.13E	0603z	UTC	25	Oct	2023	0.4m
Saumlaki	INDONESIA	7.98S	131.29E	0605z	UTC	25	Oct	2023	0.1m
Sabang	INDONESIA	5.38N	95.33E	0617z	UTC	25	Oct	2023	0.2m
Bitung	INDONESIA	1.44N	125.19E	0635z	UTC	25	Oct	2023	0.2m
Sibolga	INDONESIA	1.73N	98.80E	0635z	UTC	25	Oct	2023	0.3m
Nancowry	INDIA	8.05N	93.55E	0637z	UTC	25	Oct	2023	0.2m
Hambantota	SRI LANKA	6.12N	81.13E	0701z	UTC	25	Oct	2023	1.8m
Kirinda	SRI LANKA	6.20N	81.32E	0702z	UTC	25	Oct	2023	2.0m
Port Blair	INDIA	11.68N	92.76E	0710z	UTC	25	Oct	2023	0.1m
Trincomalee	SRI LANKA	8.56N	81.20E	0710z	UTC	25	Oct	2023	0.7m
Diego Garcia	UK	7.29S	72.39E	0713z	UTC	25	Oct	2023	1.3m
Ko Miang	THAILAND	8.55N	97.63E	0717z	UTC	25	Oct	2023	0.1m
Gan	MALDIVE	0.69S	73.15E	0720z	UTC	25	Oct	2023	0.9m
Colombo	SRI LANKA	6.95N	79.85E	0731z	UTC	25	Oct	2023	0.8m
Male	MALDIVE	4.19N	73.53E	0739z	UTC	25	Oct	2023	1.2m
DART 53401	INDONESIA	0.05N	91.90E	0748z	UTC	25	Oct	2023	0.1m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0755z	UTC	25	Oct	2023	0.1m
Esperance	AUSTRALIA	33.87S	121.90E	0801z	UTC	25	Oct	2023	0.3m
Hanimadhoo	MALDIVE	6.77N	73.17E	0804z	UTC	25	Oct	2023	0.8m
Saint Paul Island	FRANCE	38.71S	77.54E	0807z	UTC	25	Oct	2023	1.6m
Chennai	INDIA	13.10N	80.30E	0808z	UTC	25	Oct	2023	0.5m
Minicoy	INDIA	8.28N	73.05E	0813z	UTC	25	Oct	2023	0.6m
Visakhapatnam	INDIA	17.68N	83.28E	0836z	UTC	25	Oct	2023	0.6m
Davao	PHILIPPINES	7.15N	125.66E	0904z	UTC	25	Oct	2023	0.1m
Cochin	INDIA	9.96N	76.26E	0919z	UTC	25	Oct	2023	0.3m
Sittwe	MYANMAR	20.15N	92.90E	0921z	UTC	25	Oct	2023	0.2m
DART 23401	THAILAND	8.86N	88.55E	0928z	UTC	25	Oct	2023	0.0m
Langkawi	MALAYSIA	6.42N	99.77E	0931z	UTC	25	Oct	2023	0.1m
Portland	AUSTRALIA	38.34S	141.61E	0933z	UTC	25	Oct	2023	0.4m
Blue Bay	MAURITIUS	20.44S	57.71E	0935z	UTC	25	Oct	2023	1.3m
Pt.Louis	MAURITIUS	20.16S	57.50E	0949z	UTC	25	Oct	2023	1.1m
Sainte Marie	FRANCE	20.89S	55.54E	0956z	UTC	25	Oct	2023	1.4m
Agalega	MAURITIUS	10.35S	56.59E	1001z	UTC	25	Oct	2023	0.3m
Denis Island	SEYCHELLES	3.80S	55.67E	1005z	UTC	25	Oct	2023	0.2m
Darwin	AUSTRALIA	12.47S	130.85E	1034z	UTC	25	Oct	2023	0.4m
Thevenard	AUSTRALIA	32.15S	133.64E	1040z	UTC	25	Oct	2023	0.2m
Geraldton	AUSTRALIA	28.76S	114.56E	1042z	UTC	25	Oct	2023	1.1m
Battery Point	AUSTRALIA	42.89S	147.34E	1050z	UTC	25	Oct	2023	0.1m
DART 55015	AUSTRALIA	46.96S	160.34E	1110z	UTC	25	Oct	2023	0.0m
Masirah	OMAN	20.68N	58.87E	1122z	UTC	25	Oct	2023	0.1m
Stony Point	AUSTRALIA	38.37S	145.23E	1134z	UTC	25	Oct	2023	0.1m
Toamasina	MADAGASCAR	18.15S	49.43E	1134z	UTC	25	Oct	2023	0.9m
Pointe des Galets	FRANCE	20.92S	55.28E	1210z	UTC	25	Oct	2023	0.3m
Ormara	PAKISTAN	25.20N	64.68E	1213z	UTC	25	Oct	2023	0.1m
Gwadar	PAKISTAN	25.11N	62.34E	1226z	UTC	25	Oct	2023	0.1m
Chabahar	IRAN	25.30N	60.60E	1233z	UTC	25	Oct	2023	0.1m
Comoros	COMOROS	11.70S	43.25E	1237z	UTC	25	Oct	2023	0.1m
Kerguelen	FRANCE	49.35S	70.22E	1238z	UTC	25	Oct	2023	1.6m
Puysegur Welcome Bay	NEW ZEALAND	46.08S	166.59E	1246z	UTC	25	Oct	2023	0.2m
Lamu	KENYA	2.27S	40.90E	1253z	UTC	25	Oct	2023	0.2m
Karachi	PAKISTAN	24.81N	66.97E	1254z	UTC	25	Oct	2023	0.1m
Mtwara	TANZANIA	10.27S	40.20E	1256z	UTC	25	Oct	2023	0.1m

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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

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CHRISTMAS ISLAND          0232z 250ct2023    4.2m
ASHMORE REEF              0320z 250ct2023    1.5m
COCOS ISLAND              0351z 250ct2023    1.3m
NINGALOO COAST            0404z 250ct2023   16.1m
PILBARA COAST WEST        0410z 250ct2023    7.5m
PILBARA COAST EAST        0433z 250ct2023    4.4m
WEST KIMBERLY COAST       0434z 250ct2023    2.4m
GASCOYNE COAST            0452z 250ct2023    4.3m
GERALDTON COAST           0507z 250ct2023    1.9m
NORTH KIMBERLY COAST      0509z 250ct2023    1.1m
LANCELIN COAST            0528z 250ct2023    1.1m
PERTH COAST               0542z 250ct2023    1.2m
BUNBURY GEOGRAPHE COAST   0555z 250ct2023    1.5m
LEEUWIN COAST             0610z 250ct2023    1.2m
ALBANY COAST              0706z 250ct2023    0.5m
HEARD ISLAND AND MCDONALD ISLANDS 1033z 250ct2023    3.1m
AURORA BANK               1050z 250ct2023    1.6m
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FRANCE

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ILE SAINT-PAUL-NORTH      0805z 250ct2023    1.1m
ILE SAINT-PAUL-SOUTH      0831z 250ct2023    1.0m
ILE KERGUELEN             1028z 250ct2023    3.1m
SAINT-DENIS               1107z 250ct2023    0.5m
ILE DE LA POSSESSION       1108z 250ct2023    1.1m
SAINT - JOSEPH            1113z 250ct2023    0.7m
CROZET PLATEAU            1136z 250ct2023    1.6m
NES CROZET                1202z 250ct2023    0.8m
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INDIA

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MINICOY                   0939z 250ct2023    0.5m
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ALLEPPEY ALAPPUZHA	1019z	25Oct2023	0.5m
KANYAKUMARI	1051z	25Oct2023	0.8m
MACHILIPATNAM	1055z	25Oct2023	0.6m
ENNORE	1103z	25Oct2023	0.6m
KAKINADA	1118z	25Oct2023	0.6m
VISAKHAPATNAM	1123z	25Oct2023	0.5m
KOODANKULAM	1132z	25Oct2023	0.5m
PERUPALEM	1133z	25Oct2023	1.0m
NIJAMPATTANAM	1200z	25Oct2023	0.6m
CHENNAI	1208z	25Oct2023	0.5m
MAHABALIPURAM	1210z	25Oct2023	0.5m
KAVARATTI	1320z	25Oct2023	0.5m
MARAKKANAM	1326z	25Oct2023	0.5m

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INDONESIA  
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NTB LOMBOK-BARAT BAGIAN SELATAN	0218z	25Oct2023	8.8m
NTB SUMBAWA BAGIAN BARAT	0220z	25Oct2023	6.0m
JATIM BANYUWANGI BAGIAN SELATAN	0221z	25Oct2023	26.4m
BALI BADUNG PANTAI-KUTA	0221z	25Oct2023	16.1m
BALI KLUNGKUNG PULAU NUSAPENIDA	0221z	25Oct2023	13.5m
NTB LOMBOK-TENGAH	0222z	25Oct2023	11.3m
JATIM JEMBER PULAU NUSABARUNG	0223z	25Oct2023	22.1m
NTB SUMBAWA BAGIAN SELATAN	0224z	25Oct2023	5.9m
JATIM JEMBER	0225z	25Oct2023	28.4m
JATIM MALANG	0225z	25Oct2023	23.5m
NTB LOMBOK-TIMUR BAGIAN SELATAN	0225z	25Oct2023	8.4m
JATIM BANYUWANGI BAGIAN TIMUR	0226z	25Oct2023	9.8m
JATIM BLITAR	0228z	25Oct2023	22.6m
JATIM TULUNGAGUNG	0228z	25Oct2023	19.4m
JATIM TRENGGALEK	0229z	25Oct2023	28.4m
BALI KARANG-ASEM BAGIAN SELATAN	0231z	25Oct2023	8.6m
JATENG WONOGIRI	0231z	25Oct2023	29.4m
BALI JEMBRANA	0231z	25Oct2023	10.4m
DIY GUNUNG-KIDUL	0232z	25Oct2023	23.8m
BALI KLUNGKUNG	0232z	25Oct2023	8.3m
BALI DENPASAR PANTAI-SANUR	0233z	25Oct2023	13.5m
BALI KARANG-ASEM BAGIAN UTARA	0233z	25Oct2023	2.2m
JATIM PACITAN	0233z	25Oct2023	27.2m
BALI GIANYAR	0234z	25Oct2023	10.4m
DIY BANTUL	0235z	25Oct2023	13.4m
NTB LOMBOK-BARAT BAGIAN UTARA	0235z	25Oct2023	2.6m
NTB LOMBOK-TIMUR BAGIAN TIMUR	0236z	25Oct2023	8.1m
DIY KULON-PROGO	0237z	25Oct2023	15.8m
JATIM LUMAJANG	0237z	25Oct2023	29.5m
NTB KOTA-MATARAM	0238z	25Oct2023	11.9m
NTB DOMPU BAGIAN SELATAN	0239z	25Oct2023	6.8m
NTT SUMBA BAGIAN BARAT	0240z	25Oct2023	4.3m
BALI TABANAN	0241z	25Oct2023	19.8m
NTB KOTA-BIMA BAGIAN SELATAN	0241z	25Oct2023	3.6m
JABAR GARUT	0242z	25Oct2023	6.0m
JATENG PURWOREJO	0243z	25Oct2023	11.9m
JABAR TASIKMALAYA	0244z	25Oct2023	8.5m
NTT SUMBA BAGIAN TIMUR	0244z	25Oct2023	3.9m
JABAR CIAMIS	0244z	25Oct2023	8.0m
BALI BULELENG BAGIAN TIMUR	0244z	25Oct2023	1.8m
JABAR CIANJUR SINDANGBARANG	0245z	25Oct2023	6.6m
JATENG KEBUMEN	0245z	25Oct2023	10.7m

NTB LOMBOK-TIMUR BAGIAN UTARA	0250z	250oct2023	2.0m
JABAR SUKABUMI UJUNG-GENTENG	0250z	250oct2023	7.0m
JATENG CILACAP	0252z	250oct2023	10.4m
NTT KEPULAUAN MANGGARAI-BARAT	0253z	250oct2023	4.2m
NTB BIMA PULAU GILI	0253z	250oct2023	3.3m
JABAR SUKABUMI PELABUHAN-RATU	0255z	250oct2023	4.1m
BANTEN LEBAK	0256z	250oct2023	4.1m
JATIM SUMENEP	0257z	250oct2023	1.1m
BANTEN PANDEGLANG BAGIAN SELATAN	0258z	250oct2023	4.3m
BALI BULELENG BAGIAN BARAT	0259z	250oct2023	2.3m
NTT KUPANG	0300z	250oct2023	1.8m
NTT MANGGARAI-BARAT BAGIAN SELATAN	0301z	250oct2023	4.3m
BANTEN PANDEGLANG PULAU PANAITAN	0302z	250oct2023	3.4m
NTB SUMBAWA BAGIAN UTARA	0304z	250oct2023	1.4m
NTB BIMA	0309z	250oct2023	1.0m
JATIM SITUBONDO	0311z	250oct2023	1.0m
NTB SUMBAWA	0313z	250oct2023	1.2m
NTT ROTENDAO	0314z	250oct2023	2.7m
NTT MANGGARAI BAGIAN SELATAN	0316z	250oct2023	2.9m
NTB KOTA-BIMA BAGIAN UTARA	0322z	250oct2023	1.0m
NTT NGADA BAGIAN SELATAN	0326z	250oct2023	3.4m
NTB DOMPU BAGIAN BARAT	0328z	250oct2023	1.1m
LAMPUNG LAMPUNG-BARAT PESISIR-UTARA	0332z	250oct2023	2.7m
LAMPUNG LAMPUNG-BARAT PESISIR-TENGAH	0333z	250oct2023	2.5m
LAMPUNG LAMPUNG-BARAT PESISIR-SELATAN	0333z	250oct2023	2.2m
LAMPUNG TANGGAMUS BAGIAN BARAT	0338z	250oct2023	2.3m
LAMPUNG LAMPUNG-SELATAN KEP. SEBUKU	0340z	250oct2023	2.1m
BANTEN PANDEGLANG BAGIAN UTARA	0341z	250oct2023	2.0m
LAMPUNG TANGGAMUS PULAU TABUAN	0341z	250oct2023	1.6m
NTT ENDE BAGIAN SELATAN	0344z	250oct2023	2.8m
NTT FLORES-TIMUR PULAU ADONARA	0344z	250oct2023	1.0m
LAMPUNG TANGGAMUS BAGIAN TIMUR	0345z	250oct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. LEGUNDI	0345z	250oct2023	1.8m
LAMPUNG LAMPUNG-SELATAN KEP. KRAKATAU	0347z	250oct2023	2.5m
NTT SIKKA BAGIAN SELATAN	0349z	250oct2023	2.2m
NTT LEMBATA BAGIAN UTARA	0350z	250oct2023	0.5m
NTB BIMA PULAU SANGIANG	0351z	250oct2023	1.1m
NTT FLORES-TIMUR BAGIAN SELATAN	0354z	250oct2023	1.5m
BENGKULU KAUR	0358z	250oct2023	2.0m
NTT FLORES-TIMUR PULAU SOLOR	0400z	250oct2023	1.6m
NTT LEMBATA BAGIAN SELATAN	0404z	250oct2023	1.9m
BENGKULU BENGKULU-UTARA PULAU ENGGANO	0406z	250oct2023	3.1m
NTT ALOR BAGIAN SELATAN	0408z	250oct2023	1.4m
NTT TIMOR-TENGAH-UTARA	0413z	250oct2023	1.4m
NTT KOTA-KUPANG	0416z	250oct2023	2.9m
BENGKULU SELUMA	0416z	250oct2023	2.6m
NTT BELU BAGIAN UTARA	0424z	250oct2023	0.9m
LAMPUNG LAMPUNG-SELATAN KALIANDA	0427z	250oct2023	1.9m
NTB DOMPU BAGIAN UTARA	0432z	250oct2023	0.9m
NTT ALOR BAGIAN UTARA	0456z	250oct2023	0.5m
NTT TIMOR-TENGAH-SELATAN	0500z	250oct2023	0.6m
BENGKULU BENGKULU-SELATAN	0507z	250oct2023	1.9m
BENGKULU KOTA-BENGKULU PANTAI-PANJANG	0528z	250oct2023	1.9m
NTT SIKKA BAGIAN UTARA	0535z	250oct2023	0.7m
BENGKULU BENGKULU-UTARA BAGIAN SELATAN	0540z	250oct2023	2.0m
SULSEL JENEPONTO	0541z	250oct2023	0.9m
SULSEL MAROS	0543z	250oct2023	0.8m
BENGKULU BENGKULU-UTARA BAGIAN UTARA	0549z	250oct2023	1.4m
SULSEL TAKALAR	0558z	250oct2023	0.8m

SUMBAR KEPULAUAN-MENTAWAI PULAU SIPORA	0602z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAKAUHENI	0620z	25Oct2023	0.9m
SUMBAR KEPULAUAN-MENTAWAI KEP. PAGAI	0627z	25Oct2023	1.0m
BANTEN KOTA-CILEGON PULAU SANGIA	0633z	25Oct2023	1.4m
NTT FLORES-TIMUR BAGIAN UTARA	0635z	25Oct2023	0.7m
BANTEN SERANG BAGIAN BARAT	0639z	25Oct2023	1.6m
NTT PULAU ENDE	0641z	25Oct2023	0.5m
LAMPUNG KOTA-BANDAR-LAMPUNG PANTAI PANJANG	0642z	25Oct2023	1.5m
BENGKULU MUKOMUKO	0647z	25Oct2023	1.8m
BANTEN KOTA-CILEGON	0649z	25Oct2023	1.8m
JATIM PAMEKASAN	0716z	25Oct2023	0.5m
SULSEL SELAYAR	0723z	25Oct2023	0.5m
SUMBAR PESISIR-SELATAN BAGIAN SELATAN	0730z	25Oct2023	0.5m
JATIM SAMPANG	0740z	25Oct2023	0.5m
SULSEL PANGKAJENE-KEPULAUAN	0745z	25Oct2023	0.9m
NTT PULAU SIKKA	0747z	25Oct2023	0.6m
LAMPUNG LAMPUNG-SELATAN BAGIAN BARAT	0804z	25Oct2023	1.1m
NTT ENDE BAGIAN UTARA	0805z	25Oct2023	0.5m
SULSEL BANTAENG	0817z	25Oct2023	1.2m
SUMBAR KOTA-PADANG BAGIAN UTARA	0826z	25Oct2023	0.5m
NTT MANGGARAI-BARAT BAGIAN UTARA	0832z	25Oct2023	0.5m
SUMUT NIAS BAGIAN BARAT	0840z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANAHMASA	0842z	25Oct2023	0.6m
SUMBAR PASAMAN-BARAT	0910z	25Oct2023	0.5m
JATIM BANGKALAN	0911z	25Oct2023	0.6m
SULSEL BARRU	0933z	25Oct2023	0.5m
SULSEL KOTA-MAKASSAR	0933z	25Oct2023	0.9m
SUMBAR KOTA-PADANG BAGIAN SELATAN	0934z	25Oct2023	1.0m
SUMUT NIAS-SELATAN PULAU NIAS	0943z	25Oct2023	0.8m
SUMBAR PADANG-PARIAMAN BAGIAN UTARA	0943z	25Oct2023	0.6m
NAD ACEH-BESAR BAGIAN BARAT	0956z	25Oct2023	0.7m
JATIM PASURUAN	1007z	25Oct2023	0.5m
SUMBAR KEPULAUAN-MENTAWAI P. SIBERUT	1038z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU TANABALA	1047z	25Oct2023	0.7m
JATIM PROBOLINGGO	1052z	25Oct2023	0.5m
NAD SIMEULUE PULAU SIMEULUE	1132z	25Oct2023	0.5m
NTT MANGGARAI BAGIAN UTARA	1132z	25Oct2023	0.5m
NTT BELU BAGIAN SELATAN	1134z	25Oct2023	0.6m
SUMBAR AGAM	1208z	25Oct2023	0.6m
SUMUT NIAS-SELATAN PULAU PINI	1209z	25Oct2023	0.7m
NAD ACEH-JAYA	1209z	25Oct2023	0.6m
KALSEL TANAHLAUT	1209z	25Oct2023	0.5m
SUMUT KOTA-SIBOLGA	1214z	25Oct2023	0.5m
SUMBAR PADANG-PARIAMAN BAGIAN SELATAN	1232z	25Oct2023	0.5m
SUMBAR KOTA-PARIAMAN	1240z	25Oct2023	0.5m
SULSEL SINJAI	1249z	25Oct2023	0.6m
SULSEL PINRANG	1303z	25Oct2023	0.5m
SULSEL KOTA-PARE-PARE	1304z	25Oct2023	0.5m
JATIM KOTA-PASURUAN	1331z	25Oct2023	0.5m
SUMUT MANDAILING-NATAL BAGIAN UTARA	1334z	25Oct2023	0.6m

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MADAGASCAR

FARAFAGANA	1114z	25Oct2023	1.2m
AMBAHY	1116z	25Oct2023	1.4m
TOAMASINA AIRPORT	1200z	25Oct2023	0.8m
VOHEMAR	1202z	25Oct2023	0.5m
TAMPOLO	1215z	25Oct2023	0.7m

MANANTENINA	1218z	25Oct2023	0.6m
SAMPONA	1257z	25Oct2023	0.5m

MALDIVES

HITHADHOO	0829z	25Oct2023	0.9m
DHIYAMIGILI	0837z	25Oct2023	1.0m
THINADHOO	0840z	25Oct2023	0.9m
KOLHUFUSHI	0853z	25Oct2023	0.7m
MALE	0858z	25Oct2023	0.6m
KULHUDUFFUSHI	0907z	25Oct2023	0.7m
NILANDHOO	1024z	25Oct2023	0.6m
FERIDHOO	1327z	25Oct2023	0.5m

MAURITIUS

LA FERME	0849z	25Oct2023	1.1m
CARGADOS CARAJOS	0932z	25Oct2023	1.4m
GRANDE REVIERE SUD EST-EAST	0940z	25Oct2023	3.9m
GRANDE REVIERE SUD EST-WEST	1059z	25Oct2023	0.9m

OMAN

TAQAH	1340z	25Oct2023	0.6m
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SEYCHELLES

FREGATE ISLAND	1345z	25Oct2023	0.6m
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SOMALIA

GALDOGOB	1249z	25Oct2023	0.5m
ITALA	1253z	25Oct2023	0.5m
CEEL DHEER	1255z	25Oct2023	0.5m
MAREEG	1258z	25Oct2023	0.7m
XARARDHEERE	1303z	25Oct2023	0.6m

SOUTH AFRICA

FUNK SEAMOUNT	1335z	25Oct2023	0.6m
NGQUELENI	1358z	25Oct2023	0.5m
ELLIOTDALE	1359z	25Oct2023	0.5m

SRI LANKA

KIRINDA	0813z	25Oct2023	1.3m
GALLE	0830z	25Oct2023	0.9m
OKANDA	0839z	25Oct2023	1.1m
MATARA	0841z	25Oct2023	1.0m
HAMBANTOTA	0842z	25Oct2023	1.8m
AKKARAI PATTU	0937z	25Oct2023	0.7m
BATTICALOA	0938z	25Oct2023	0.7m

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KATTANKUDI	0955z	25Oct2023	0.7m
TANGALLE	1006z	25Oct2023	0.7m
AMBALANGODA	1054z	25Oct2023	0.6m
BERUWALA	1118z	25Oct2023	0.7m
COLOMBO	1131z	25Oct2023	0.6m
MORATUWA	1235z	25Oct2023	0.9m
MULLAITTIVU	1252z	25Oct2023	0.5m
PANKULAM	1253z	25Oct2023	0.5m
NEGOMBO	1315z	25Oct2023	0.5m
POTTUVIL	1316z	25Oct2023	0.8m

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TIMOR-LESTE

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PANTE MACASSAR	0414z	25Oct2023	1.3m
BOBONARO	0423z	25Oct2023	1.7m
LIQUICA	0425z	25Oct2023	1.1m
DILI	0547z	25Oct2023	0.9m
BAUCAU	0602z	25Oct2023	0.7m
COVALIMA	0951z	25Oct2023	0.6m
MANUFAHI	1041z	25Oct2023	0.6m
MANATUTO NORTH	1106z	25Oct2023	0.5m
AINARO	1117z	25Oct2023	0.5m

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UNITED KINGDOM

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DIEGO GARCIA	0745z	25Oct2023	1.3m
MORESBY ISLAND	0830z	25Oct2023	0.9m
NW EGMONT ISLAND	0843z	25Oct2023	1.1m

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YEMEN

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SOCOTRA ISLAND SOUTH	1229z	25Oct2023	0.8m
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4. ADVICE

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

5. UPDATES

Additional bulletins will be issued by 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](mailto:inartsp@bmkg.go.id)  
[monitrtwp@bmkg.go.id](mailto:monitrtwp@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 TEST TEST TEST TEST IOWave-Oct-2023 TEST TEST TEST TEST TEST TEST TEST  
TSP-InaTEWS-20231025-1400-015

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TSUNAMI BULLETIN NUMBER 15 (TYPE-IV FINAL BULLETIN)  
IOTWMS TSUNAMI SERVICE PROVIDER INDONESIA (InaTEWS-BMKG)  
issued at 1400 UTC, Oct 25, 2023  
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... 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 : 25 Oct 2023  
Origin Time: 0200 UTC  
Latitude : 10.40S  
Longitude : 112.80E  
Location : South of Java, Indonesia

## 2. EVALUATION

Data from sea-level gauges confirmed that a tsunami was generated.

The expected period of significant tsunami waves is now over for all threatened Indian Ocean countries, based on 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)
DART 53046	AUSTRALIA	11.45S	113.61E	0210z	UTC 25 Oct 2023	3.5m
Benoa	INDONESIA	8.77S	115.22E	0226z	UTC 25 Oct 2023	11.8m
Christmas Island	AUSTRALIA	10.43S	105.67E	0230z	UTC 25 Oct 2023	1.1m
DART 56001	AUSTRALIA	14.05S	110.03E	0236z	UTC 25 Oct 2023	2.3m
DART 56003	AUSTRALIA	15.02S	118.07E	0236z	UTC 25 Oct 2023	1.0m
Prigi	INDONESIA	8.28S	111.73E	0236z	UTC 25 Oct 2023	9.1m
Sadeng	INDONESIA	8.19S	110.80E	0240z	UTC 25 Oct 2023	17.6m
Waikelo	INDONESIA	9.39S	119.22E	0247z	UTC 25 Oct 2023	5.2m
Lembar	INDONESIA	8.73S	116.07E	0248z	UTC 25 Oct 2023	7.9m
Cilacap	INDONESIA	7.75S	109.00E	0251z	UTC 25 Oct 2023	11.5m
Pangandaran	INDONESIA	7.75S	108.50E	0254z	UTC 25 Oct 2023	9.0m
Rote	INDONESIA	10.71S	123.06E	0318z	UTC 25 Oct 2023	0.9m

Enggano	INDONESIA	5.35S	102.28E	0335z	UTC	25	Oct	2023	2.4m
Tanjung Lesung	INDONESIA	6.48S	105.66E	0342z	UTC	25	Oct	2023	2.0m
Cocos Island	AUSTRALIA	12.12S	96.89E	0346z	UTC	25	Oct	2023	0.7m
Sebesi Island	INDONESIA	5.94S	105.51E	0349z	UTC	25	Oct	2023	2.9m
Marina Jambu	INDONESIA	6.19S	105.84E	0352z	UTC	25	Oct	2023	1.5m
Pt.Murat	AUSTRALIA	21.82S	114.19E	0423z	UTC	25	Oct	2023	18.0m
Seblat	INDONESIA	3.22S	101.60E	0427z	UTC	25	Oct	2023	1.7m
Tanahbala	INDONESIA	0.53S	98.50E	0438z	UTC	25	Oct	2023	0.5m
Telukdalam	INDONESIA	0.55N	97.82E	0442z	UTC	25	Oct	2023	1.0m
Cape Cuvier Wharf	AUSTRALIA	24.22S	113.40E	0446z	UTC	25	Oct	2023	6.9m
Bungus Port	INDONESIA	1.03S	100.40E	0459z	UTC	25	Oct	2023	1.0m
Ambon	INDONESIA	3.68S	128.18E	0503z	UTC	25	Oct	2023	1.7m
Padang	INDONESIA	0.95S	100.37E	0509z	UTC	25	Oct	2023	0.4m
Broome	AUSTRALIA	18.00S	122.22E	0542z	UTC	25	Oct	2023	1.0m
Port Hedland	AUSTRALIA	20.04S	118.42E	0556z	UTC	25	Oct	2023	2.0m
Hillarys Harbor	AUSTRALIA	31.83S	115.74E	0601z	UTC	25	Oct	2023	1.9m
Meulaboh	INDONESIA	4.13N	96.13E	0603z	UTC	25	Oct	2023	0.4m
Saumlaki	INDONESIA	7.98S	131.29E	0605z	UTC	25	Oct	2023	0.1m
Sabang	INDONESIA	5.38N	95.33E	0617z	UTC	25	Oct	2023	0.2m
Bitung	INDONESIA	1.44N	125.19E	0635z	UTC	25	Oct	2023	0.2m
Sibolga	INDONESIA	1.73N	98.80E	0635z	UTC	25	Oct	2023	0.3m
Nancowry	INDIA	8.05N	93.55E	0637z	UTC	25	Oct	2023	0.2m
Hambantota	SRI LANKA	6.12N	81.13E	0701z	UTC	25	Oct	2023	1.8m
Kirinda	SRI LANKA	6.20N	81.32E	0702z	UTC	25	Oct	2023	2.0m
Port Blair	INDIA	11.68N	92.76E	0710z	UTC	25	Oct	2023	0.1m
Trincomalee	SRI LANKA	8.56N	81.20E	0710z	UTC	25	Oct	2023	0.7m
Diego Garcia	UK	7.29S	72.39E	0713z	UTC	25	Oct	2023	1.3m
Ko Miang	THAILAND	8.55N	97.63E	0717z	UTC	25	Oct	2023	0.1m
Gan	MALDIVE	0.69S	73.15E	0720z	UTC	25	Oct	2023	0.9m
Colombo	SRI LANKA	6.95N	79.85E	0731z	UTC	25	Oct	2023	0.8m
Male	MALDIVE	4.19N	73.53E	0739z	UTC	25	Oct	2023	1.2m
DART 53401	INDONESIA	0.05N	91.90E	0748z	UTC	25	Oct	2023	0.1m
Ko Taphao Noi	THAILAND	7.82N	98.42E	0755z	UTC	25	Oct	2023	0.1m
Esperance	AUSTRALIA	33.87S	121.90E	0801z	UTC	25	Oct	2023	0.3m
Hanimadhoo	MALDIVE	6.77N	73.17E	0804z	UTC	25	Oct	2023	0.8m
Saint Paul Island	FRANCE	38.71S	77.54E	0807z	UTC	25	Oct	2023	1.6m
Chennai	INDIA	13.10N	80.30E	0808z	UTC	25	Oct	2023	0.5m
Minicoy	INDIA	8.28N	73.05E	0813z	UTC	25	Oct	2023	0.6m
Visakhapatnam	INDIA	17.68N	83.28E	0836z	UTC	25	Oct	2023	0.6m
Davao	PHILIPPINES	7.15N	125.66E	0904z	UTC	25	Oct	2023	0.1m
Cochin	INDIA	9.96N	76.26E	0919z	UTC	25	Oct	2023	0.3m
Sittwe	MYANMAR	20.15N	92.90E	0921z	UTC	25	Oct	2023	0.2m
DART 23401	THAILAND	8.86N	88.55E	0928z	UTC	25	Oct	2023	0.0m
Langkawi	MALAYSIA	6.42N	99.77E	0931z	UTC	25	Oct	2023	0.1m
Portland	AUSTRALIA	38.34S	141.61E	0933z	UTC	25	Oct	2023	0.4m
Blue Bay	MAURITIUS	20.44S	57.71E	0935z	UTC	25	Oct	2023	1.3m
Pt.Louis	MAURITIUS	20.16S	57.50E	0949z	UTC	25	Oct	2023	1.1m
Sainte Marie	FRANCE	20.89S	55.54E	0956z	UTC	25	Oct	2023	1.4m
Agalega	MAURITIUS	10.35S	56.59E	1001z	UTC	25	Oct	2023	0.3m
Denis Island	SEYCHELLES	3.80S	55.67E	1005z	UTC	25	Oct	2023	0.2m
Darwin	AUSTRALIA	12.47S	130.85E	1034z	UTC	25	Oct	2023	0.4m
Thevenard	AUSTRALIA	32.15S	133.64E	1040z	UTC	25	Oct	2023	0.2m
Geraldton	AUSTRALIA	28.76S	114.56E	1042z	UTC	25	Oct	2023	1.1m
Battery Point	AUSTRALIA	42.89S	147.34E	1050z	UTC	25	Oct	2023	0.1m
DART 55015	AUSTRALIA	46.96S	160.34E	1110z	UTC	25	Oct	2023	0.0m
Masirah	OMAN	20.68N	58.87E	1122z	UTC	25	Oct	2023	0.1m
Stony Point	AUSTRALIA	38.37S	145.23E	1134z	UTC	25	Oct	2023	0.1m
Toamasina	MADAGASCAR	18.15S	49.43E	1134z	UTC	25	Oct	2023	0.9m
Pointe des Galets	FRANCE	20.92S	55.28E	1210z	UTC	25	Oct	2023	0.3m

Ormara	PAKISTAN	25.20N	64.68E	1213z	UTC	25 Oct 2023	0.1m
Gwadar	PAKISTAN	25.11N	62.34E	1226z	UTC	25 Oct 2023	0.1m
Chabahar	IRAN	25.30N	60.60E	1233z	UTC	25 Oct 2023	0.1m
Comoros	COMOROS	11.70S	43.25E	1237z	UTC	25 Oct 2023	0.1m
Kerguelen	FRANCE	49.35S	70.22E	1238z	UTC	25 Oct 2023	1.6m
Puysegur Welcome Bay	NEW ZEALAND	46.08S	166.59E	1246z	UTC	25 Oct 2023	0.2m
Lamu	KENYA	2.27S	40.90E	1253z	UTC	25 Oct 2023	0.2m
Karachi	PAKISTAN	24.81N	66.97E	1254z	UTC	25 Oct 2023	0.1m
Mtwara	TANZANIA	10.27S	40.20E	1256z	UTC	25 Oct 2023	0.1m

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4. ADVICE

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

5. UPDATES

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

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](mailto:inartsp@bmkg.go.id)

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

END OF BULLETIN

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