

Oceanographic

Commission

TSP INDIA Products Demonstration

Padmanabham Jijjavarapu

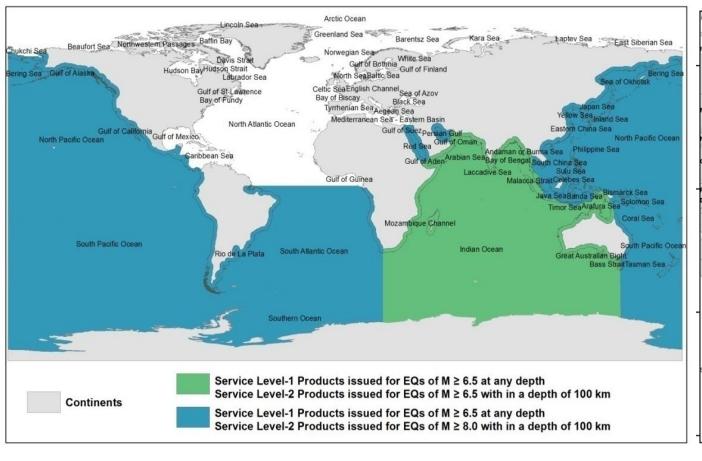
TSP India padmanabham@incois.gov.in

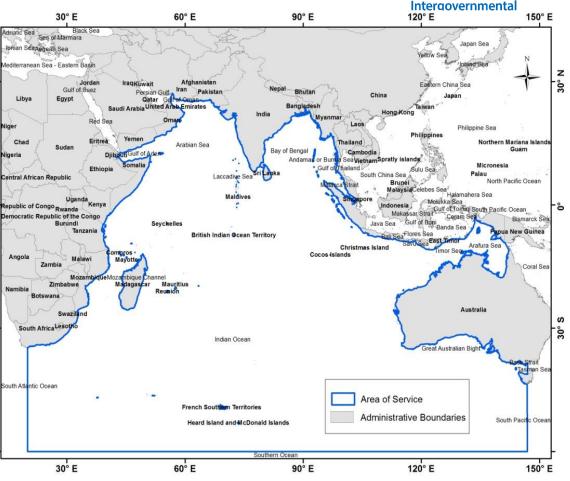
Standard Operating Procedures (SOPs) for National Tsunami Warning Centres (NTWCs) and Disaster Management Organisations (DMOs)

IOTWMS Earthquake Source zone and Area of Service



unesco





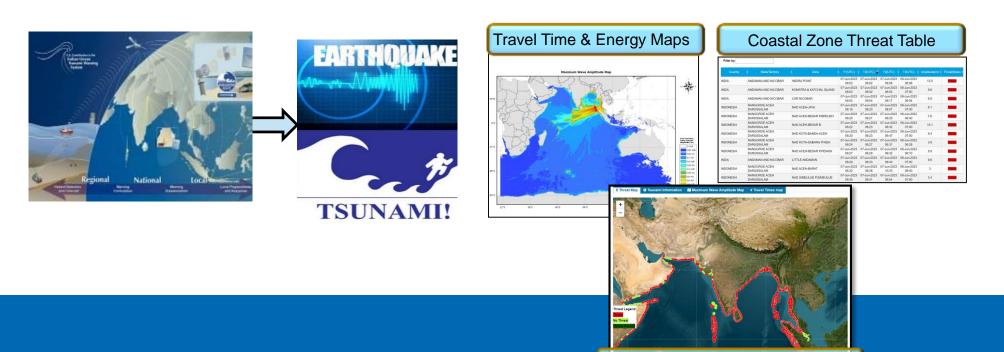
TSP Service Levels for IOTWMS

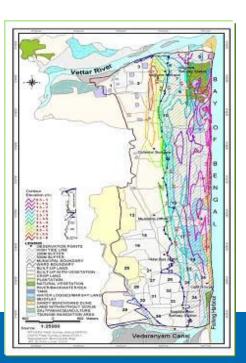
Unesco
Intergovernmental
Oceanographic
Commission

- Service Level I Earthquake Bulletins (in operation since 2009)
- Service Level 2 Tsunami Threat Bulletins and Threat Maps (in operation since 2011)

Coastal Zone Threat Man

Service Level 3 – Inundation Mapping (not yet in operation)





Commencement of TSP bulletins





- □ Issue SL-I (earthquake information) bulletin for all IOTWMS Earthquake Source Zone (Indian Ocean, Pacific Ocean, South Atlantic)events of magnitude ≥ 6.5
- □ SL-2 (threat assessment) bulletins

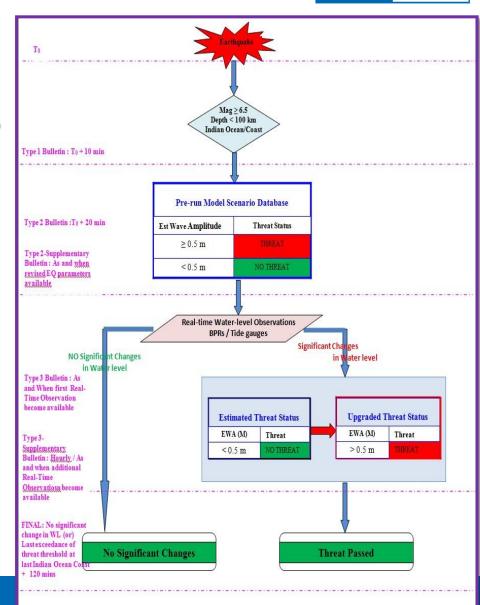
 $M \ge 6.5$ in the Indian Ocean

[or]

M ≥ 8.0 in the Pacific and South Atlantic Oceans

[or]

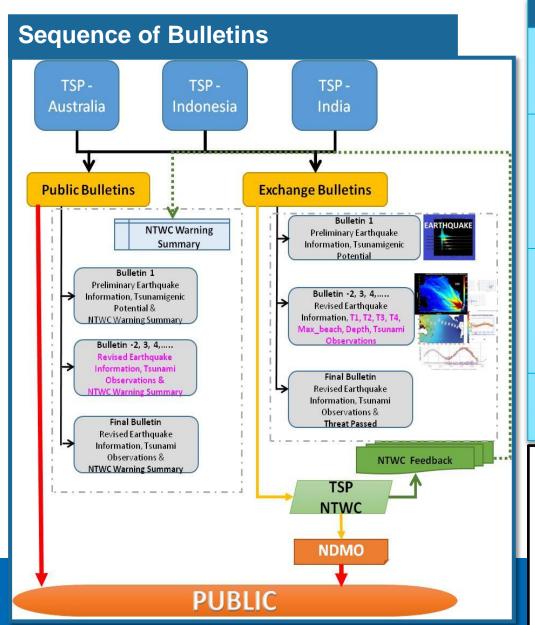
Any tsunamigenic event that may have probability to generate tsunami in the Indian Ocean Basin



Types of TSP Bulletins





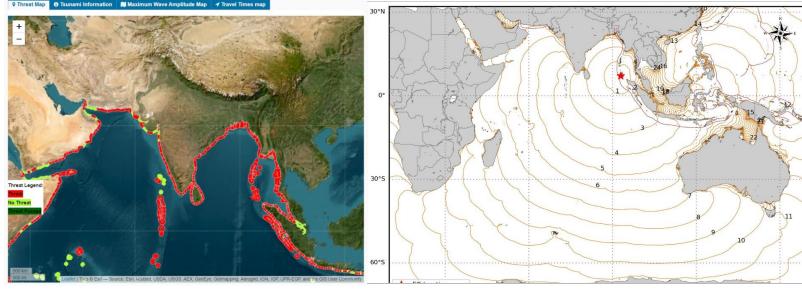


Bulletin type	Information	Time of issue		
TYPE I Earthquake Bulletin	Earthquake Information, plus a qualitative threat assessment (e.g. ",,,this earthquake may be capable of generating a tsunami")	Target: within 10 minutes		
TYPE II Threat Assessment Bulletin	No Threat Bulletin, based on assessment using model scenarios			
	Potential Threat Bulletin, based on assessment using wave models. Contains specific threat information for each Indian Ocean coastal zone.	Target: within 20 minutes		
TYPE III Threat Confirmation Bulletin	Confirmed Threat Bulletin, based on real-time sea-level observations confirming a tsunami was generated. Contains specific threat information for each coastal zone.	 When the first real-time sea level observation confirming tsunami waves is available Then hourly updates, or when significant new real-time sea level observations are available 		
TYPE IV Final Bulletin	THREAT PASSED – all zones.	120 mins after the last exceedance of 0.5 M threat threshold at last IO country		

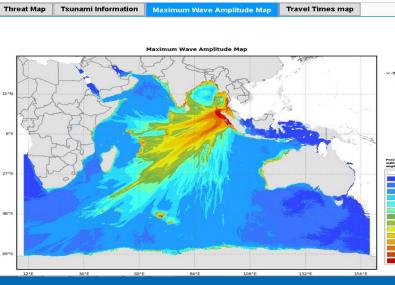
Model Output Parameters (Dynamic)

- \Box TI = Time of arrival of first detectable tsunami wave (amplitude >=0.02m)
- \blacksquare T2 = Time of arrival of first wave over +0.5m amplitude on the beach
- \Box T3 = Time of arrival of largest wave ("max beach")
- \Box T4 = Time of arrival of last wave over +0.5m amplitude
- max_beach (Maximum Positive wave amplitude at the shoreline)

Sample Product Formats



Filter by								
Country	s State/Territory	: Zone :	T1(UTC)	T2(UTC) 🍣	T3(UTC)	T4(UTC) :	Amplitude(m) =	ThreatStatus :
INDIA	ANDAMAN AND NICOBAR	INDIRA POINT	07-Jun-2023 06:02	07-Jun-2023 06:02	07-Jun-2023 06:08	08-Jun-2023 06:58	12.5	Theat
INDIA	ANDAMAN AND NICOBAR	KOMATRA & KATCHAL ISLAND	07-Jun-2023 06:02	07-Jun-2023 06:02	07-Jun-2023 06:02	08-Jun-2023 07:00	9.6	Threat
INDIA	ANDAMAN AND NICOBAR	CAR NICOBAR	07-Jun-2023 06:04	07-Jun-2023 06:04	07-Jun-2023 06:17	08-Jun-2023 06:54	6.9	Tivoat
INDONESIA	NANGGROE ACEH DARUSSALAM	NAD ACEH-JAYA	07-Jun-2023 06:18	07-Jun-2023 06:20	07-Jun-2023 08:07	08-Jun-2023 07:00	6.1	Shreat
NDONESIA	NANGGROE ACEH DARUSSALAM	NAD ACEH-BESAR P.BREUEH	07-Jun-2023 06:20	07-Jun-2023 06:21	07-Jun-2023 06:25	08-Jun-2023 06:40	7.6	Threat
INDONESIA	NANGGROE ACEH DARUSSALAM	NAD ACEH-BESAR B	07-Jun-2023 06:22	07-Jun-2023 06:23	07-Jun-2023 06:32	08-Jun-2023 07:00	10.1	Threat
INDONESIA	NANGGROE ACEH DARUSSALAM	NAD KOTA-BANDA-ACEH	07-Jun-2023 06:20	07-Jun-2023 06:23	07-Jun-2023 06:47	08-Jun-2023 07:00	9.4	Threat
NDONESIA	NANGGROE ACEH DARUSSALAM	NAD KOTA-SABANG P.WEH	07-Jun-2023 06:24	07-Jun-2023 06:27	07-Jun-2023 06:31	08-Jun-2023 06:28	3.9	Chreat
NDONESIA	NANGGROE ACEH DARUSSALAM	NAD ACEH-BESAR P.PENASI	07-Jun-2023 06:27	07-Jun-2023 06:29	07-Jun-2023 06:32	08-Jun-2023 06:10	5.9	Threat
INDIA	ANDAMAN AND NICOBAR	LITTLE ANDAMAN	07-Jun-2023 06:29	07-Jun-2023 06:33	07-Jun-2023 06:40	08-Jun-2023 07:00	9.6	Throat
NDONESIA	NANGGROE ACEH DARUSSALAM	NAD ACEH-BARAT	07-Jun-2023 06:32	07-Jun-2023 06:38	07-Jun-2023 10:33	08-Jun-2023 06:40	3	Throat
INDONESIA	NANGGROE ACEH	NAD SIMEULUE P.SIMEULUE	07-Jun-2023	07-Jun-2023	07-Jun-2023	08-Jun-2023	3.4	Threat



IOTWMS COMMS TEST - NOT A REAL TSUNAMI EVENT

OTHER COMES TEST NOT A REAL TOURANT EVENT

TSUNAMI BULLETIN NUMBER 2(TYPE-II THREAT ASSESSMENT BULLETIN)

IOTUMS TSUNAMI SERVICE PROVIDER INDIA (ITEWS)

ISSUED AT 0615 UTC Wednesday 07 June 2023

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

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

1. EARTHQUAKE INFORMATION

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

Magnitude: 9 M
Depth: 10 km
Date: 07 JUN 2023
Origin Time: 0600 UTC
Latitude: 7.2 N
Longitude: 92.9 E

Location: NICOBAR ISLANDS, INDIA REGION

2. EVALUATION

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

An investigation is under way to determine if a tsunami has been triggered. This TSP will monitor sea level gauges and report if any tsunami wave activi 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 t earliest estimated times of arrival at the beach.

AUSTRALIA

PILBARA COAST WEST	1237z 07 Jun 2023 0.8m Threat
GASCOYNE COAST	1641z 07 Jun 2023 0.9m Threat
HEARD ISLAND AND MCDONALD ISLANDS	1646z 07 Jun 2023 1.1m Threat
PILBARA COAST EAST	1701z 07 Jun 2023 0.9m Threat
GERALDTON COAST	1717z 07 Jun 2023 1.0m Threat
BUNBURY GEOGRAPHE COAST	1718z 07 Jun 2023 0.8m Threat
NINGALOO COAST	1809z 07 Jun 2023 0.6m Threat
LEEUWIN COAST	1842z 07 Jun 2023 0.8m Threat
LANCELIN COAST	0101z 08 Jun 2023 0.6m Threat
ALBANY COAST	0421z 08 Jun 2023 0.6m Threat

NTWC Feedback reporting and Summary



unesco

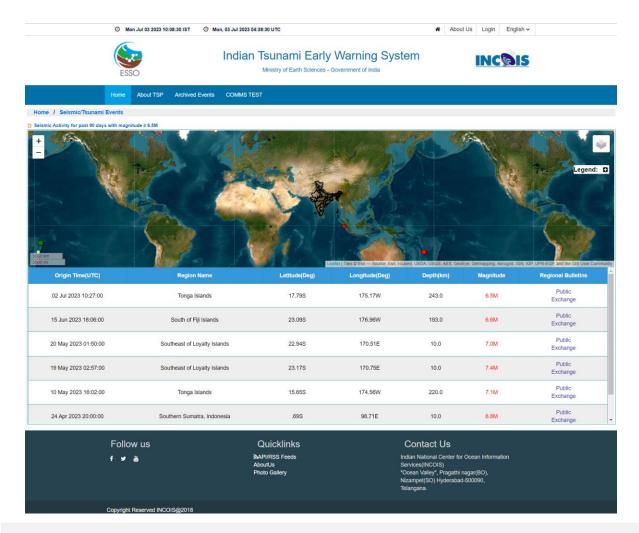
Intergovernmental Oceanographic Commission

	Feedback – Status Reporting Page					
	© Mon, Jul 03 2023 11:511:12 IST					
	Indian Tsunami Early Warning System ESSO Mestry of Earth Sciences - Government of India					
	Home About TSP Archived Events COMMASTEST					
Home / Tsunami Early Warnings	NTWC Warning Status Reporting Form					
	IOTWAS TSP India - Transmit Service Provider for the Indian Ocean NTWC MARNING STATUS REPORTING FORM ANY ARRANGE STATUS REPORTING FORM an National Tsurami Warning Centres (NTWCs) to advise TSPs of their current warning status it is broad be used every time an NTWC issues a new or updated Issurami warning (or cancellation) for their country. The information will be placed on TSP public					
websites to enable the public, media EARTHQUAKE INFORMATION	nd other NTWCs to be aware of the warning status of each country.					
Magnitude (Preferred):	90					
Depth:	10					
Date :	07 Jun 2023					
Origin Time:	0600 UTC					
Latitude:	7.20					
Longitude:	92.90					
Location:	Nicobar Islands, India Region					
Land/ Ocean:	10					
Water Level Depth (if Ocean):	1970 m					
 Type your name in the "Sender Na Refresh your browser to update to 	e current time.					
 Type your name in the "Sender Na Refresh your browser to update the Type your email in the "Sender Enter Press "Submit". 	me [®] box. e current time. diff box.					
Type your name in the "Sender Ni Refresh your browser to update the Type your email in the "Sender En Press "Submit". Select Your Country:	me" box. eurrent time.					
Type your name in the 'Sender Ni Refersh your browser to update it Type your email in the 'Sender En Press 'Submit'. Select Your Country: Australia Bangladesh	me" box. current time. 2. Select Your Country's Current Warning Status: Threat Level 0: No impact expected, no ficoding, no currents. Threat Level 0: No impact expected, no ficoding, no currents. Threat Level 1: No impact expected, no ficoding, no currents.					
Type your name in the 'Sender N. Refresh your browser to update it Type your email in the 'Sender En Press 'Submit'. Select Your Country: Australia Bangladesh Comoros	me" box. current time. 2. Select Your Country's Current Warning Status: Threat Level 0: No impact expected, no flooding, no currents. Threat Level 1: There is a potential for tunnami impact, but given the travel time, no response of the public in secessary at the moment.					
Type you name in the "Sender N. Refresh your browser to update it Type your email in the Sender En Press "Submit". Select Your Country: Australia Bangladesh Comoros Djibouti	me" box. current time. 2. Select Your Country's Current Warning Status: Threat Level 0: No impact expected, no flooding, no currents. Threat Level 1: There is a potential for trusmain impact, but given the travel time, no response of the public in excessary at the moment. Threat Level 1: There is a potential for trusmain impact, but given the travel time, no response of Threat Level 2: There to coastal mariner area due to strong currents and oscillations in sea level.					
Type your name in the "Sender Ni - Refresh your browser to update it - Type your email in the "Sender En - Press "Submit." 1. Select Your Country: Australia Bangladesh Comoros Djibout! France (Indian Ocean Territories)	me" box. current time. 2. Select Your Country's Current Warning Status: Threat Level 0: No impact expected, no flooding, no currents. Threat Level 1: There is a potential for tunnami impact, but given the travel time, no response of the public in secessary at the moment.					
Type your name in the "Sender Ni - Refresh your browser to update it - Type your email in the "Sender En - Press "Submit". 1. Select Your Country: Australia Bangladesh Comoros Djibouti France (Indian Ocean Territories) India Indonesia	me" box. current time. 2. Select Your Country's Current Warning Status: Threat Eved 0: No impact expected, no ficoding, no currents. Threat Eved 0: No impact expected, no ficoding, no currents. Threat Eved 0: No impact expected, no ficoding, no currents. Threat Eved 0: No impact expected, no ficoding, no currents. Threat Eved 0: No impact expected, no ficoding, no currents. Threat Eved 0: No impact expected, no ficoding no currents. Threat Eved 0: No impact expected, no ficoding no currents and oscillations in sea level. Threat Eved 0: Threat ocastal marrier areas due to strong currents and oscillations in sea level. Threat Eved 0: Threat ocastal marrier areas due to strong currents and oscillations in sea level. Threat Eved 0: Threat ocastal marrier areas due to strong currents and oscillations in sea level. Threat Eved 0: T					
Tipey your name in the "Souder No. Referrably our browners to update it to Tipey you email in the "Sender for Press "Souring". I Select Your Country: Australia Bangladesh Commons (Trance (Indian Ocean Territories) India Indian Indonesia Iran Kernya Madagascar Madagascar Madagascar	me" box. 2. Select Your Country's Current Warning Status: Threat Level 1: No impact expected, no flooding, no currents. Threat Level 2: Three is a potential for trushami impact, but given the travel time, no response of the public in necessary at the moment. Threat Level 2: Threat to constain marine areas due to strong currents and oscillations in sea level. Threat Level 3: Threat of trushami invundation to land areas. Cancellation/All Clear					
Type your name in the "Soudor N. Referely wor preserve to update it in Type you email in the "Sendor En Types you email in the "Sendor En Types Scholler". 1. Select Your Country: Australia Assiglated an Assiglated Commons [Ulbourt France (Indian Ocean Territories) India India India Iran Kernya Madayascar Malaysia Maddives	me" box. 2. Select Your Country's Current Warning Status: Threat Level 1: No impact expected, no flooding, no currents. Threat Level 2: Three is a potential for trushami impact, but given the travel time, no response of the public in necessary at the moment. Threat Level 2: Threat to constain marine areas due to strong currents and oscillations in sea level. Threat Level 3: Threat of trushami invundation to land areas. Cancellation/All Clear					
Type your name in the "Soude N a Refersh your prosens to update it to Type you email in the "Sender for Press 'Salami's Australia Bangladesh Comoros Comoros Transe (Indian Ocean Territories) India Indian Ocean Territories) India Indian Indian Indian India Indian Indi	2. Select Your Country's Current Warning Status: Threat Level 7. No impact expected, no ficoding, no currents. Threat Level 7. No impact expected, no ficoding, no currents. Threat Level 7. No impact expected, no ficoding, no currents. Threat Level 7. No impact expected, no ficoding, no currents. Threat Level 8. Threat of transmin impact, but given the travel time, no response of the public in necessary at the moment. Threat Level 9. Threat of trunami inundation to land areas. Threat Level 3. Threat of trunami inundation to land areas.					
Type your name in the "Souder N As Merchy you reason in the "Souder N Type you email in the "Sender for Thess "South". 1. Select Your Country: Australia Bangladesh Commons (j) Dibout France (indian Ocean Territories) india indonesia iran Kenya Maddaysacar Madlaysia Maldives Mauritus Madduves Mauritus	2. Select Your Country's Current Warning Status: Threat Level 0: No impact expected, no flooding, no currents. Threat Level 1: There is a potential for transmit impact, but given the travel time, no response of the public in excessiny at the moment. Threat Level 3: There is a potential for transmit impact, but given the travel time, no response of Threat Level 3: Threat to castral mariner areas due to strong currents and oscillations in sea level. Threat Level 3: Threat of transmit impact, but given the travel time, no response of Cancellation (In Care 3). Targe Additional Information About The Warning Status:					
Type your name in the "Souder No. Aftershy wor beween to optice it on Type you email in the "Sender En Type you email in the "Sender En Types Submit No. Inselset Your Country: Australia Bangladesh Commons France (Indian Ocean Territories) india indonesia iran Kenya Madigascar Malaysia Madiffuse Maurittus Mozambigue Myammar Omnan	Threat Level 1: These to a potential for tosanam impact, but given the travel time, no response of the public necessary at the moment. Threat Level 1: There is a potential for tosanam impact, but given the travel time, no response of the public necessary at the moment. Threat Level 3: Threat of costani marine areas due to strong currents and oscillations in sea level. Threat Level 3: Threat of costani marine areas due to strong currents and oscillations in sea level. Threat Level 3: Threat of costani marine areas due to strong currents and oscillations in sea level. Threat Level 3: Threat of costani marine areas due to strong currents and oscillations in sea level. Threat Level 3: Threat of costani invariant in					
Type your name in the "Soudor K is Refersh your browners to yoldest for Type you email in the "Sendor fir Types you email in the "Sendor fir Types You're Country: Australia Bangladesh Commons Ujlbouri France (Indian Ocean Territories) India Indian Indian Kernya Madayascar Malaysia Maddives Mauritus Mozamibique Myanmar Oman Pakistan Paki	2. Select Your Country's Current Warning Status: Threat Level 0: No impact expected, no flooding, no currents. Threat Level 1: There is a potential for transmit impact, but given the travel time, no response of the public in excessiny at the moment. Threat Level 3: There is a potential for transmit impact, but given the travel time, no response of Threat Level 3: Threat to castral mariner areas due to strong currents and oscillations in sea level. Threat Level 3: Threat of transmit impact, but given the travel time, no response of Cancellation (In Care 3). Targe Additional Information About The Warning Status:					
Type your rame in the "Soude N - Refersh you proses to option in the "Soude N - Type you email in the "Sendor for "Press "Solem". I select Your Country: Australia Bangladesh Commons France (Indian Ocean Territories) India Indonesia Iran Kenya Madagascar Malaysia Maddives Maurittus Mozambique Myanmar Oman Pakistan Serchelles Singapore Singapore Singapore Singapore	2. Select Your Country's Current Warning Status: Threat Level 0. No impact expected, no flooding, no currents. Threat Level 1. Threat I present is constant impact, but given the travel time, no response of the public is necessary at the moment. Threat Level 2. Threat ocastal marine areas due to strong currents and oscillations in sea level. Threat Level 3. Threat of tournami injundation to land areas. Cancellation All Clear					
Type your name in the "Souder No. Refersh your breast to optice it on Type you creal in the "Sender for Type you creal in the "Sender for Type You County." Australia Bangladesh Commons Diplosort France (Indian Ocean Territories) india Indonesia Iran Kenya Madigasara Madilyes Mauritus Mozambique Myanmar Oman Pakistan Seychelles Singapore Sonalia	Threat Level 1: These to a potential for tosanam impact, but given the travel time, no response of the public necessary at the moment. Threat Level 1: There is a potential for tosanam impact, but given the travel time, no response of the public necessary at the moment. Threat Level 3: Threat of costani marine areas due to strong currents and oscillations in sea level. Threat Level 3: Threat of costani marine areas due to strong currents and oscillations in sea level. Threat Level 3: Threat of costani marine areas due to strong currents and oscillations in sea level. Threat Level 3: Threat of costani marine areas due to strong currents and oscillations in sea level. Threat Level 3: Threat of costani invariant in					
Type your rane in the "Soude N - Refersh you prose to update it in Type you email in the "Sender far Press Salamin". Type you email in the "Sender far Press Salamin". I. Select Your Country: Australia: Bangladesh Comoros Opilipour France (Indian Ocean Territories) India Indonesia Iran Kenya Madayasa Madayasa Madayasa Madaysia Madaysia Madaysia Madaysia Madaribus Mazimius Mozambique Myanmar Oman Pakistan Seychelles Singapore Sonula South Africa Sot Lanka	2. Select Your Country's Current Warning Status: Threat Level 0. No impact expected, no flooding, no currents. Threat Level 1. Threat I present is constant impact, but given the travel time, no response of the public is necessary at the moment. Threat Level 2. Threat ocastal marine areas due to strong currents and oscillations in sea level. Threat Level 3. Threat of tournami injundation to land areas. Cancellation All Clear					
Type your name in the "Souder No. Referrably our browners to option in the Type you email in the "Sender En Type you email in the "Sender En Type you email in the "Sender En Type System". I. Select Your Country: Australia Bangladesh Commons France (Indian Ocean Territories) incla Indonesia Iran Kenya Maddipascar Maddives Mautmus Mozambigue Myamma Mozambigue Myamma Mozambigue Seychelles Singapore Somalia South Africa Sri Lanka Tamzania	2. Select Your Country's Current Warning Status: Threat Level 0. No impact expected, no flooding, no currents. Threat Level 1. Threat I present is constant impact, but given the travel time, no response of the public is necessary at the moment. Threat Level 2. Threat ocastal marine areas due to strong currents and oscillations in sea level. Threat Level 3. Threat of tournami injundation to land areas. Cancellation All Clear					
Type your rame in the "Souder No. Refersh your breast to option it in "Type you remail in the "Sender fin "Press "Solent". Type you remail in the "Sender fin "Press "Solent". Select Your Country. Australia Bangladesh Commons France (Indian Ocean Territories) india Indonesia Irrance (Indian Ocean Territories) India Maddinesia Maddinesia Maddinesia Maddinesia Maddinesia Maddinesia Maddinesia Fastica (Indian Ocean Territories) Indianario Mozambique Myanmar Oman Pakistan Sonth Africa Sri Lanka Tamaznia Thalland	2. Select Your Country's Current Warning Status: Threat Level 0. No impact expected, no flooding, no currents. Threat Level 1. Threat I present is constant impact, but given the travel time, no response of the public is necessary at the moment. Threat Level 2. Threat ocastal marine areas due to strong currents and oscillations in sea level. Threat Level 3. Threat of tournami injundation to land areas. Cancellation All Clear					
Type your name in the "Souder No. Refersh your browners to update it in Type you email in the "Sender for Press "South". Seffect Your Country: Australia analysis and analysis and analysis and analysis and analysis and analysis analysis and analysis anal	2. Select Your Country's Current Warning Status: Threat Level 0. No impact expected, no flooding, no currents. Threat Level 1. Threat I present is constant impact, but given the travel time, no response of the public is necessary at the moment. Threat Level 2. Threat ocastal marine areas due to strong currents and oscillations in sea level. Threat Level 3. Threat of tournami injundation to land areas. Cancellation All Clear					
Tipey your name in the "Souder No. Referrably our browners to update it in Tipey you email an the "Sender for Press "Souring." I. Select Your Country: Australia Bangladesh Commons France (Indian Ocean Territories) India Indian Ind	2. Select Your Country's Current Warning Status: Threat Level 0. No impact expected, no flooding, no currents. Threat Level 1. Threat I present is constant impact, but given the travel time, no response of the public is necessary at the moment. Threat Level 2. Threat ocastal marine areas due to strong currents and oscillations in sea level. Threat Level 3. Threat of tournami injundation to land areas. Cancellation All Clear					

	O We	1 Jun 97 2023 12:02:16 IST	About Us Log	out English v	
ESSO		Indian Tsunami Early Warning System Ministry of Earth Sciences - Government of India	INCOIS		
	Home	About TSP Archived Events COMMS TEST			
e / Tsunami Early Wa	rnings / NTW	Cs Feedback Summary			
egend Threat Level 0: No imp Threat Level 1: There i Threat Level 2: Threat Threat Level 3: Threat Threat Level 3: Threat Cancelation/All Clear	act expected, no fic is a potential for tsu to coastal marine a of tsunami inundati	Summary of the Current Threat Status as reported by the NTWCs wed from individual NTVIC's regarding the Threat Status in their area of responsibility. Within 24 ins of the current event ending (issue of FRMAL looking, no currents; amongsact fod given the travel line, no response of the public is necessary at the moment. In this look of the currents and conditions in rise level.	bulletin by RTSPs), if no	_	
Show 50 rows v entries				Search:	
Country	Threat Status	Comments	Sender	Sender Time	
Australia	Threat Level 2	Confirmed threat builletin issued at 06 30UTC, due to observation at Nancowry India, with marine threat continuing for the Cocos- Islands. Western Australia. Casey, Mawson and Davis.	Glen Perrin	Wed Jun 07 2023 16:30:28 GMT+1000 (Australia: Eastern Standard Time)	
Bangladesh	-				
Comoros	-	•	5		
Djibouti			70	-	
France (Indian Ocean Territories)			*	•	
India	Threat Level	Tsunami threat issued to East Coast of India. Andaman and Nicobar Islands being inundated. Evacuations initiated.	ITEWC	Wed Jun 07 2023 11:52:02 GMT+0530 (India Standard Time)	
Indonesia	Threat Level 2	People in Sumatra are currently reporting felt earthquake. The BMKG issued tsunami early warnings in several affected areas, so that people could carry out self evacuations to safe places.	Sigit	Wed Jun 07 2023 13:19:34 GMT+0700 (Western Indonesia Time)	
Iran			5/	5	
Kenya	4		2		
Madagascar			20		
Malaysia	Threat Level	Malaysia NTWC issued a tsunami warning for west coast state of Peninsular Malaysia	NTWC, Malaysia - Mazni	Wed Jun 07 2023 14 24:59 GMT+0800 (Malaysia Time)	
Maldives		*			
Mauritius	-		27	-	
Mozambique	-	2	20	-	
Myanmar	Threat Level	NTWC, Myanmar will issue the Tsunami information for Myanmar coastal areas based on the RTSPs information.	NTWC	Wed Jun 07 2023 13:01:21 GMT+0630 (Myanma Time)	
Oman	-	*	2	-	
Pakistan	Threat Level	No Threat	NTWC, Karachi, Pakistan	Wed Jun 07 2023 11:15:41 GMT+0500 (Pakistan Standard Time)	
Seychelles	Threat Level		S. Adam	Wed Jun 07 2023 10:30:22 GMT+0400 (Gulf Standard Time)	
Singapore		*			
Somalia	-		75	at a second	
South Africa		*			
Sri Lanka				O.	
Tanzania	-	2	-		
Thailand	-	•	20	÷	
Timor-Leste					
UAE	-	l-			
UK (Indian Ocean Territories)	-	https://tsunami.incois.gov.in/TEWS/NTWC	StatusSi	ummary.jsp	
	-		20		

Feedback - Warning Summary Page

Within 24 hours of the current event ending (issue of FINAL bulletin by TSPs), if no further NTWC feedback is received, this page will be cleared to indicate no warnings.



- Notification Messages are issued in text format via Email, SMS, FAX and GTS
- Bulletins are generated in both text and HTML formats on the websites
- > **Graphics** are generated in jpg or png format on the websites

Website URLs to access the TSP-INDIA Products	
☐ TSP-INDIA Website:	
https://tsunami.incois.gov.in/TEWS/TSP	
☐ For IOTWMS Communication Test:	
https://tsunami.incois.gov.in/TEWS/commreg.jsp	
☐ For IOTWMS – NTWC Feedback Summary	
Page:	
https://tsunami.incois.gov.in/TEWS/NTWCStatusS	
ummary.jsp	
□NTWC WARNING STATUS REPORTING	
FORM:	
https://tsunami.incois.gov.in/TEWS/NTWCReport	i
ngForm.jsp	

TSP-INDIA Website Demo



THANK YOU