

National Tsunami Bulletin

Need Emergency Advice? Please listen to your local radio and TV announcements or call **1300 TSUNAMI (1300 878 6264)** for latest warning information. For emergency assistance, call your local emergency authority on **132 500**

National JATWC Products



[View earthquake location on enlarged Google Map](#)

National Event Summary 37 issued 10:08PM AEDT Sunday 16 January 2022

IDY68019
Australian Government Bureau of Meteorology

MEDIA:
NO USE OF STANDARD EMERGENCY WARNING SIGNAL (SEWS)
PLEASE BROADCAST THIS INFORMATION IF REFERRING TO THE VOLCANO IN NEWS REPORTS

NATIONAL TSUNAMI EVENT SUMMARY
Issued by the Joint Australian Tsunami Warning Centre (JATWC) at 10:08 PM AEDT on
Sunday 16 January 2022

TSUNAMI SOURCE AND OBSERVATIONS:
HUNGA TONGA-HUNGA HA'APAI erupted at 03:10 PM AEDT on Saturday 15 January 2022
near TONGA ISLANDS (latitude 20.54S, longitude 175.38W) posing a tsunami threat
to Australia.

TSUNAMI DETAILS:
The following sea level gauges have observed a tsunami, heights refer to wave
amplitudes (positive wave values):

Name	Country	Lat	Lon	Height (m)	Time (AEDT)
Nuku'Alofa	TONGA	21.10S	175.20W	1.19	15 Jan 15:46 PM
Suva Viti Levu	FIJI	18.10S	178.42E	0.36	15 Jan 17:03 PM
Pago Pago	SAMOA	14.30S	170.69W	0.55	15 Jan 16:40 PM

Apia	SAMOA	13.67S	171.83W	0.27	15 Jan 18:06 PM
Rarotonga	COOK ISLAND	21.20S	159.78W	0.74	15 Jan 19:56 PM
Funafuti	TUVALU	8.50S	179.20E	0.11	15 Jan 18:24 PM
East Cape	NEW ZEALAND	37.50S	178.17E	0.38	15 Jan 19:15 PM
Lifou Island	NEW CALEDONI	20.90S	167.28E	0.29	15 Jan 17:33 PM
Quinne	NEW CALEDONI	22.00S	166.83E	0.67	15 Jan 19:21 PM
Norfolk Island	AUSTRALIA	29.10S	167.95E	1.27	15 Jan 21:00 PM
Port Villa	VANUATU	17.80S	168.31E	1.18	15 Jan 19:50 PM
Luganville	VANUATU	15.50S	167.33E	0.29	15 Jan 19:06 PM
DART 55023	CORAL SEA 2,	14.72S	153.54E	Detected	15 Jan 21:44 PM
Gold Coast	AUSTRALIA	27.90S	153.43E	0.82	15 Jan 22:54 PM
Charleston	NEW ZEALAND	41.83S	171.33E	0.65	15 Jan 23:35 PM
Port Kembla	AUSTRALIA	34.50S	151.00E	0.65	16 Jan 02:50 AM
Puysegur Welcome Bay	NEW ZEALAND	46.17S	166.50E	0.20	15 Jan 23:30 PM
Twofold Bay	AUSTRALIA	37.00S	150.00E	0.77	15 Jan 23:30 PM
Spring Bay	AUSTRALIA	42.50S	147.93E	0.27	15 Jan 21:00 PM
Southport Jetty	AUSTRALIA	43.50S	147.00E	0.48	16 Jan 00:15 AM
Battery Point	AUSTRALIA	43.00S	147.33E	0.12	15 Jan 21:35 PM
Portland.	AUSTRALIA	38.30S	141.61E	0.20	16 Jan 11:40 AM
Rossllyn Bay	AUSTRALIA	23.20S	150.79E	0.25	16 Jan 03:05 AM
Chichijima	JAPAN	27.10N	142.19E	0.75	16 Jan 01:00 AM
Burnie.	AUSTRALIA	41.00S	145.83E	0.33	16 Jan 07:09 AM
Esperance	AUSTRALIA	33.83S	122.00E	0.16	15 Jan 23:15 PM
Jackson Bay	NEW ZEALAND	43.97S	168.62E	1.14	15 Jan 23:50 PM
Coffs Harbour	AUSTRALIA	30.30S	153.15E	0.43	16 Jan 10:30 AM
Lord Howe Island	AUSTRALIA	31.52S	159.06E	0.50	16 Jan 08:00 AM
Eden	AUSTRALIA	37.07S	149.91E	0.40	16 Jan 10:15 AM

REPORTED TSUNAMI IMPACTS:

Location: Lord Howe Island
Impact Type: Unusual currents and waves
Approximate Observation Time: 11:00 15/01/2022 UTC
Details: 1.10 m waves observed at Ned's Beach overnight.

Location: Derwent Park, Hobart
Impact Type: Unusual currents and waves
Approximate Observation Time: 11:44 15/01/2022 UTC
Details: 50 cm surge observed in the marina.

Location: Tonga
Impact Type: Inundation of low-lying coastal areas
Approximate Observation Time: 04:30 15/01/2022 UTC
Details: Media reports have shown tsunami waves inundating low-lying coastal areas in Tonga.

Location: Gunnamatta Bay
Impact Type: Unusual currents and waves
Approximate Observation Time: 03:30 16/01/2022 UTC
Details: Reports of dangerous tidal movements at Gunnamatta Bay and Maroubra between 2:30pm-3:30pm AEDT

Location: Sawtell
Impact Type: Unusual currents and waves
Approximate Observation Time: 04:53 16/01/2022 UTC
Details: Report of mass rescue due to the sudden drop in tide

SUMMARY:

No Threat Tweet issued 8:20PM AEDT Friday 14 January 2022
National No Threat Bulletin issued 4:58PM AEDT Saturday 15 January 2022
No Threat Tweet issued 5:02PM AEDT Saturday 15 January 2022
Norfolk Island Marine Warning 1 issued 7:36PM local time Saturday 15 January 2022
National Warning Summary 1 issued 7:44PM AEDT Saturday 15 January 2022
Warning Tweet issued 7:52PM AEDT Saturday 15 January 2022
Lord Howe Island Marine Warning 1 issued 8:00PM AEDT Saturday 15 January 2022
National Warning Summary 2 issued 8:01PM AEDT Saturday 15 January 2022
Warning Tweet issued 8:01PM AEDT Saturday 15 January 2022
New South Wales Marine Warning 1 issued 8:36PM AEDT Saturday 15 January 2022
Queensland Marine Warning 1 issued 7:36PM AEST Saturday 15 January 2022
National Warning Summary 3 issued 8:41PM AEDT Saturday 15 January 2022
Warning Tweet issued 8:42PM AEDT Saturday 15 January 2022
Norfolk Island Land Warning 2 issued 8:58PM local time Saturday 15 January 2022

Lord Howe Island Marine Warning 2 issued 8:59PM AEDT Saturday 15 January 2022
Queensland Marine Warning 2 issued 7:59PM AEST Saturday 15 January 2022
Victoria Marine Warning 1 issued 8:59PM AEDT Saturday 15 January 2022
Tasmania Marine Warning 1 issued 9:00PM AEDT Saturday 15 January 2022
Macquarie Island Marine Warning 1 issued 9:00PM AEDT Saturday 15 January 2022
New South Wales Marine Warning 2 issued 9:01PM AEDT Saturday 15 January 2022
National Warning Summary 4 issued 9:04PM AEDT Saturday 15 January 2022
Warning Tweet issued 9:05PM AEDT Saturday 15 January 2022
Lord Howe Island Land Warning 3 issued 9:18PM AEDT Saturday 15 January 2022
National Warning Summary 5 issued 9:19PM AEDT Saturday 15 January 2022
Warning Tweet issued 9:21PM AEDT Saturday 15 January 2022
Lord Howe Island Land Warning 4 issued 10:12PM AEDT Saturday 15 January 2022
Norfolk Island Land Warning 3 issued 10:12PM local time Saturday 15 January 2022
New South Wales Marine Warning 3 issued 10:13PM AEDT Saturday 15 January 2022
Queensland Marine Warning 3 issued 9:14PM AEST Saturday 15 January 2022
Victoria Marine Warning 2 issued 10:14PM AEDT Saturday 15 January 2022
Tasmania Marine Warning 2 issued 10:15PM AEDT Saturday 15 January 2022
Macquarie Island Marine Warning 2 issued 10:16PM AEDT Saturday 15 January 2022
National Warning Summary 6 issued 10:25PM AEDT Saturday 15 January 2022
Warning Tweet issued 10:31PM AEDT Saturday 15 January 2022
Norfolk Island Land Warning 4 issued 11:00PM local time Saturday 15 January 2022
Lord Howe Island Land Warning 5 issued 11:01PM AEDT Saturday 15 January 2022
New South Wales Marine Warning 4 issued 11:01PM AEDT Saturday 15 January 2022
Queensland Marine Warning 4 issued 10:02PM AEST Saturday 15 January 2022
Victoria Marine Warning 3 issued 11:03PM AEDT Saturday 15 January 2022
Tasmania Marine Warning 3 issued 11:03PM AEDT Saturday 15 January 2022
Macquarie Island Marine Warning 3 issued 11:05PM AEDT Saturday 15 January 2022
National Warning Summary 7 issued 11:16PM AEDT Saturday 15 January 2022
Norfolk Island Land Warning 5 issued 11:51PM local time Saturday 15 January 2022
Lord Howe Island Land Warning 6 issued 11:51PM AEDT Saturday 15 January 2022
New South Wales Marine Warning 5 issued 11:53PM AEDT Saturday 15 January 2022
Queensland Marine Warning 5 issued 10:53PM AEST Saturday 15 January 2022
Victoria Marine Warning 4 issued 11:54PM AEDT Saturday 15 January 2022
Tasmania Marine Warning 4 issued 11:54PM AEDT Saturday 15 January 2022
Macquarie Island Marine Warning 4 issued 11:55PM AEDT Saturday 15 January 2022
National Warning Summary 8 issued 11:56PM AEDT Saturday 15 January 2022
Norfolk Island Land Warning 6 issued 12:57AM local time Sunday 16 January 2022
Lord Howe Island Land Warning 7 issued 12:58AM AEDT Sunday 16 January 2022
New South Wales Marine Warning 6 issued 12:58AM AEDT Sunday 16 January 2022
Queensland Marine Warning 6 issued 11:58PM AEST Saturday 15 January 2022
Victoria Marine Warning 5 issued 12:59AM AEDT Sunday 16 January 2022
Tasmania Marine Warning 5 issued 1:00AM AEDT Sunday 16 January 2022
Macquarie Island Marine Warning 5 issued 1:00AM AEDT Sunday 16 January 2022
National Warning Summary 9 issued 1:04AM AEDT Sunday 16 January 2022
Norfolk Island Land Warning 7 issued 1:53AM local time Sunday 16 January 2022
Lord Howe Island Land Warning 8 issued 1:54AM AEDT Sunday 16 January 2022
New South Wales Marine Warning 7 issued 1:55AM AEDT Sunday 16 January 2022
Queensland Marine Warning 7 issued 12:55AM AEST Sunday 16 January 2022
Victoria Marine Warning 6 issued 1:56AM AEDT Sunday 16 January 2022
Macquarie Island Marine Warning 6 issued 1:57AM AEDT Sunday 16 January 2022
Tasmania Marine Warning 6 issued 1:58AM AEDT Sunday 16 January 2022
National Warning Summary 10 issued 1:59AM AEDT Sunday 16 January 2022
Norfolk Island Land Warning 8 issued 2:49AM local time Sunday 16 January 2022
Lord Howe Island Land Warning 9 issued 2:50AM AEDT Sunday 16 January 2022
New South Wales Marine Warning 8 issued 2:50AM AEDT Sunday 16 January 2022
Queensland Marine Warning 8 issued 1:52AM AEST Sunday 16 January 2022
Victoria Marine Warning 7 issued 2:52AM AEDT Sunday 16 January 2022
Tasmania Marine Warning 7 issued 2:52AM AEDT Sunday 16 January 2022
Macquarie Island Marine Warning 7 issued 2:53AM AEDT Sunday 16 January 2022
National Warning Summary 11 issued 2:54AM AEDT Sunday 16 January 2022
Norfolk Island Land Warning 9 issued 3:50AM local time Sunday 16 January 2022
Lord Howe Island Land Warning 10 issued 3:51AM AEDT Sunday 16 January 2022
New South Wales Marine Warning 9 issued 3:52AM AEDT Sunday 16 January 2022
Queensland Marine Warning 9 issued 2:53AM AEST Sunday 16 January 2022
Victoria Marine Warning 8 issued 3:55AM AEDT Sunday 16 January 2022
Macquarie Island Marine Warning 8 issued 3:57AM AEDT Sunday 16 January 2022
Tasmania Marine Warning 8 issued 3:58AM AEDT Sunday 16 January 2022
National Warning Summary 12 issued 4:00AM AEDT Sunday 16 January 2022
Norfolk Island Land Warning 10 issued 4:52AM local time Sunday 16 January 2022
Lord Howe Island Land Warning 11 issued 4:53AM AEDT Sunday 16 January 2022
New South Wales Marine Warning 10 issued 4:54AM AEDT Sunday 16 January 2022
Queensland Marine Warning 10 issued 3:55AM AEST Sunday 16 January 2022
Victoria Marine Warning 9 issued 4:57AM AEDT Sunday 16 January 2022
Macquarie Island Marine Warning 9 issued 4:57AM AEDT Sunday 16 January 2022
Tasmania Marine Warning 9 issued 4:58AM AEDT Sunday 16 January 2022

National Warning Summary 13 issued 5:00AM AEDT Sunday 16 January 2022
Norfolk Island Land Warning 11 issued 5:53AM local time Sunday 16 January 2022
Lord Howe Island Land Warning 12 issued 5:54AM AEDT Sunday 16 January 2022
New South Wales Marine Warning 11 issued 5:55AM AEDT Sunday 16 January 2022
Queensland Marine Warning 11 issued 4:57AM AEST Sunday 16 January 2022
Victoria Marine Warning 10 issued 5:59AM AEDT Sunday 16 January 2022
Macquarie Island Marine Warning 10 issued 6:00AM AEDT Sunday 16 January 2022
Tasmania Marine Warning 10 issued 6:01AM AEDT Sunday 16 January 2022
National Warning Summary 14 issued 6:02AM AEDT Sunday 16 January 2022
Norfolk Island Land Warning 12 issued 6:52AM local time Sunday 16 January 2022
Lord Howe Island Land Warning 13 issued 6:53AM AEDT Sunday 16 January 2022
New South Wales Marine Warning 12 issued 6:55AM AEDT Sunday 16 January 2022
Queensland Marine Warning 12 issued 5:56AM AEST Sunday 16 January 2022
Victoria Marine Warning 11 issued 6:57AM AEDT Sunday 16 January 2022
Macquarie Island Marine Warning 11 issued 6:59AM AEDT Sunday 16 January 2022
Tasmania Marine Warning 11 issued 7:01AM AEDT Sunday 16 January 2022
National Warning Summary 15 issued 7:04AM AEDT Sunday 16 January 2022
Norfolk Island Land Warning 13 issued 7:45AM local time Sunday 16 January 2022
Lord Howe Island Land Warning 14 issued 7:46AM AEDT Sunday 16 January 2022
New South Wales Marine Warning 13 issued 7:47AM AEDT Sunday 16 January 2022
Queensland Marine Warning 13 issued 6:48AM AEST Sunday 16 January 2022
Victoria Marine Warning 12 issued 7:50AM AEDT Sunday 16 January 2022
Macquarie Island Marine Warning 12 issued 7:51AM AEDT Sunday 16 January 2022
Tasmania Marine Warning 12 issued 7:52AM AEDT Sunday 16 January 2022
National Warning Summary 16 issued 7:53AM AEDT Sunday 16 January 2022
Queensland Marine Warning 14 issued 7:59AM AEST Sunday 16 January 2022
New South Wales Marine Warning 14 issued 9:00AM AEDT Sunday 16 January 2022
Victoria Marine Warning 13 issued 9:02AM AEDT Sunday 16 January 2022
Tasmania Marine Warning 13 issued 9:03AM AEDT Sunday 16 January 2022
Norfolk Island Land Warning 14 issued 9:05AM local time Sunday 16 January 2022
Lord Howe Island Land Warning 15 issued 9:06AM AEDT Sunday 16 January 2022
Macquarie Island Marine Warning 13 issued 9:08AM AEDT Sunday 16 January 2022
National Warning Summary 17 issued 9:10AM AEDT Sunday 16 January 2022
Queensland Marine Warning 15 issued 9:00AM AEST Sunday 16 January 2022
Victoria Marine Warning 14 issued 10:01AM AEDT Sunday 16 January 2022
Tasmania Marine Warning 14 issued 10:04AM AEDT Sunday 16 January 2022
New South Wales Marine Warning 15 issued 10:06AM AEDT Sunday 16 January 2022
Macquarie Island Marine Warning 14 issued 10:08AM AEDT Sunday 16 January 2022
Norfolk Island Marine Warning 15 issued 10:09AM local time Sunday 16 January 2022
Lord Howe Island Marine Warning 16 issued 10:11AM AEDT Sunday 16 January 2022
National Warning Summary 18 issued 10:13AM AEDT Sunday 16 January 2022
Warning Tweet issued 10:21AM AEDT Sunday 16 January 2022
Queensland Warning Cancellation issued 9:30AM AEST Sunday 16 January 2022
National Warning Summary 19 issued 10:33AM AEDT Sunday 16 January 2022
National Warning Summary 20 issued 10:38AM AEDT Sunday 16 January 2022
Warning Tweet issued 10:41AM AEDT Sunday 16 January 2022
Norfolk Island Marine Warning 16 issued 10:59AM local time Sunday 16 January 2022
Lord Howe Island Marine Warning 17 issued 11:00AM AEDT Sunday 16 January 2022
New South Wales Marine Warning 16 issued 11:03AM AEDT Sunday 16 January 2022
Victoria Marine Warning 15 issued 11:05AM AEDT Sunday 16 January 2022
Tasmania Marine Warning 15 issued 11:09AM AEDT Sunday 16 January 2022
Macquarie Island Warning Cancellation issued 11:12AM AEDT Sunday 16 January 2022
National Warning Summary 21 issued 11:14AM AEDT Sunday 16 January 2022
Warning Tweet issued 11:20AM AEDT Sunday 16 January 2022
Victoria Warning Cancellation issued 11:49AM AEDT Sunday 16 January 2022
Tasmania Warning Cancellation issued 11:50AM AEDT Sunday 16 January 2022
Norfolk Island Marine Warning 17 issued 11:53AM local time Sunday 16 January 2022
Lord Howe Island Marine Warning 18 issued 11:54AM AEDT Sunday 16 January 2022
New South Wales Marine Warning 17 issued 11:57AM AEDT Sunday 16 January 2022
National Warning Summary 22 issued 11:59AM AEDT Sunday 16 January 2022
Warning Tweet issued 12:07PM AEDT Sunday 16 January 2022
Norfolk Island Marine Warning 18 issued 12:51PM local time Sunday 16 January 2022
Lord Howe Island Marine Warning 19 issued 12:54PM AEDT Sunday 16 January 2022
New South Wales Marine Warning 18 issued 12:57PM AEDT Sunday 16 January 2022
National Warning Summary 23 issued 1:01PM AEDT Sunday 16 January 2022
Norfolk Island Marine Warning 19 issued 1:53PM local time Sunday 16 January 2022
Lord Howe Island Marine Warning 20 issued 1:54PM AEDT Sunday 16 January 2022
New South Wales Marine Warning 19 issued 1:56PM AEDT Sunday 16 January 2022
National Warning Summary 24 issued 2:02PM AEDT Sunday 16 January 2022
Norfolk Island Marine Warning 20 issued 2:51PM local time Sunday 16 January 2022
Lord Howe Island Marine Warning 21 issued 2:52PM AEDT Sunday 16 January 2022
New South Wales Marine Warning 20 issued 2:54PM AEDT Sunday 16 January 2022
National Warning Summary 25 issued 2:55PM AEDT Sunday 16 January 2022
Norfolk Island Marine Warning 21 issued 3:51PM local time Sunday 16 January 2022
Lord Howe Island Marine Warning 22 issued 3:52PM AEDT Sunday 16 January 2022

New South Wales Marine Warning 21 issued 3:53PM AEDT Sunday 16 January 2022
National Warning Summary 26 issued 3:54PM AEDT Sunday 16 January 2022
Norfolk Island Marine Warning 22 issued 4:53PM local time Sunday 16 January 2022
Lord Howe Island Marine Warning 23 issued 4:54PM AEDT Sunday 16 January 2022
New South Wales Marine Warning 22 issued 4:55PM AEDT Sunday 16 January 2022
National Warning Summary 27 issued 4:57PM AEDT Sunday 16 January 2022
National Warning Summary 28 issued 5:10PM AEDT Sunday 16 January 2022
Queensland Warning Cancellation issued 4:15PM AEST Sunday 16 January 2022
National Warning Summary 29 issued 5:21PM AEDT Sunday 16 January 2022
National Warning Summary 30 issued 5:32PM AEDT Sunday 16 January 2022
New South Wales Marine Warning 23 issued 5:35PM AEDT Sunday 16 January 2022
National Warning Summary 31 issued 5:45PM AEDT Sunday 16 January 2022
Norfolk Island Marine Warning 23 issued 5:58PM local time Sunday 16 January 2022
Lord Howe Island Marine Warning 24 issued 6:06PM AEDT Sunday 16 January 2022
National Warning Summary 32 issued 6:08PM AEDT Sunday 16 January 2022
Lord Howe Island Marine Warning 25 issued 6:53PM AEDT Sunday 16 January 2022
Norfolk Island Marine Warning 24 issued 6:56PM local time Sunday 16 January 2022
New South Wales Marine Warning 24 issued 6:59PM AEDT Sunday 16 January 2022
National Warning Summary 33 issued 7:02PM AEDT Sunday 16 January 2022
Lord Howe Island Warning Cancellation issued 7:56PM AEDT Sunday 16 January 2022
Norfolk Island Warning Cancellation issued 7:58PM local time Sunday 16 January 2022
New South Wales Marine Warning 25 issued 8:00PM AEDT Sunday 16 January 2022
National Warning Summary 34 issued 8:04PM AEDT Sunday 16 January 2022
New South Wales Marine Warning 26 issued 8:59PM AEDT Sunday 16 January 2022
National Warning Summary 35 issued 9:01PM AEDT Sunday 16 January 2022
New South Wales Warning Cancellation issued 9:59PM AEDT Sunday 16 January 2022
National Warning Summary 36 issued 10:05PM AEDT Sunday 16 January 2022

The JATWC is operated by the Australian Bureau of Meteorology and Geoscience
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