



25 August 2025

Reference: OIA-2025/26-0058

Dear [redacted]

**Official Information Act request relating to the criteria for duplicative emergency alerts**

Thank you for your Official Information Act 1982 (the Act) request received on 31 July 2025. You requested:

*"Please provide me documents and records regarding the criteria for sending emergency alert notifications to New Zealanders. To the extent not covered above, include records relating to how decisions are made regarding the time the alert is made, and when it is deemed appropriate to send duplicative alerts (ie multiple alerts that offer the same advice)."*

*"Please also provide me with the documents and records regarding the decision to send an emergency alert notification at 6.30am on 31 August 2025."*

On 31 July 2025 you provided the following clarification:

*"Thanks. I amend my request as follows - where I referred to an alert in August 2025, I meant on 31 July 2025."*

The Emergency Mobile Alert (EMA) system is governed by strict protocol on its use. The [Emergency Mobile Alert Protocol for User Agencies](#) document covers the criteria for sending Emergency Mobile Alerts to New Zealanders. The National Emergency Management Agency (NEMA) will only send alerts when there is a severe, urgent and likely threat to life, health or property. Dangerous tsunami activity generated by the Kamchatka earthquake affecting New Zealand's coastline clearly met these criteria, and the decision to use it was informed by scientific advice and consultation with Civil Defence Emergency Management Groups.

In respect of emergency management, NEMA has a statutory responsibility to alert the public to tsunami risk. Every decision to alert the public is based on best advice available including scientific evidence, international best practice, the observable conditions, and the life safety risks.

When NEMA received notification that a powerful earthquake had occurred and generated tsunami waves that were travelling across the Pacific, it was a straightforward decision to alert people to help them stay safe.

Based on advice from Earth Sciences NZ that tsunami activity would arrive at our shores around midnight on Wednesday evening (30 July), NEMA issued a National Advisory and sent an Emergency Mobile Alert. As always, we carefully selected who should receive it - in this case, the alert was only sent to phones connected to a mobile tower near the coastline. The first alert was sent at 4.13pm as it was critical to issue it before nightfall, because many people live on boats, or plan ahead for early fishing trips or a dawn surf.

Overnight, we received confirmation that tsunami activity was impacting New Zealand's coastline and would continue to do so well into Thursday (31 July). We weighed up the risks and concluded that we needed to inform the public that the threat was present and ongoing. We sent the alert at 6.30am to ensure we did not wake large numbers of people up in the middle of the night, while informing those planning morning activities in beach or marine areas while dangerous tsunami activity was happening.

Regarding the frequency of the alerts, we acknowledge that some people's phones sounded multiple alerts in the middle of the night, even though NEMA had only issued two alerts. The potential reasons for this are explained on our website [NEMA identifies what caused emergency alert issues during Kamchatka tsunami event » National Emergency Management Agency](#)

NEMA apologises to those impacted by the multiple alerts for the inconvenience and disruption this caused.

#### **Information being released**

Please find enclosed, a summary of the Tsunami Expert Panel and National Controller discussions. This was prepared from recollections of staff involved in this event in response to requests for information. Also enclosed is a timeline of key actions/advice relating to this event, and internal communications relating to the decision to issue the EMA at 6.30am on 31 July. Some information is withheld under section 9(2)(g)(ii) to prevent improper pressure or harassment. Where information is withheld under section 9, I have considered the public interest test in section 9(1). No public interest has been identified that would outweigh the reasons for withholding.

Information on the M8.8 Kamchatka Russia earthquake and tsunami prepared by GeoNet is available on the following website:

<https://www.geonet.org.nz/news/4O1zMIf5rXqq8mFCJOfcEq>

More information on civil defence emergency management alerts and warnings are available on the following website:

[Civil Defence Emergency Management Alerts and Warnings » National Emergency Management Agency](#)

You have the right to ask the Ombudsman to investigate and review my decision under section 28(3) of the Act.

This response will be published on the Department of the Prime Minister and Cabinet's website during our regular publication cycle. Typically, information is released monthly, or as otherwise determined. Your personal information including name and contact details will be removed for publication.

Nāku noa, nā



Sarah Holland  
**Chief Advisor to the Chief Executive**  
**National Emergency Management Agency**

## **Summary of TEP and National Controller Discussions Kamchatka Earthquake and Tsunami 30 July – 4 August 2025**

### **Overview**

The Tsunami Expert Panel (TEP) provides the scientific analysis for tsunami risk to New Zealand and is hosted by Earth Sciences New Zealand (ESNZ).

This is delivered via two mechanisms:

- Advice provided by ESNZ's National Geohazard Monitoring Centre (NGMC) directly to NEMA's Monitoring, Alerting and Reporting (MAR) Centre. This includes the forecast maps and Event Arrival Time information.
- Phone calls between the TEP and the National Controller to discuss the analysis, forward assessments, and to provide the opportunity to ask questions. This helps inform NEMA's decision making.

A total of 10 phone calls were conducted between the TEP and NEMA for this event, summarised below.

#### **30 July 1335hrs**

The EQ is expected to be upgraded from 8.7M to 8.8M. The modelling is indicating a beach and marine threat for the entire country, including the Chatham Islands. The Chatham Islands is likely to receive the strongest tsunami waves, getting close to a land threat at 0.8m.

The modelling is not currently showing a land threat, but it remains a possibility. They will stick with a beach and marine threat assessment for now, noting the next update is likely to include actual data, as well as modelling.

#### **30 July 1940hrs**

Still expecting to see beach and marine impacts, including the Chatham Islands, but the Scientist in Charge overnight will contact me if this looks like it will escalate to a land threat.

The first wave arrivals are expected around midnight, and the DART Buoys will give an early indication of their arrival from around 9pm. They may indicate an earlier de-escalation for the West Coast but there is likely to be some beach and marine threat for parts of the country going well into tomorrow. The picture will become clearer overnight.

#### **30 July 2300hrs**

No change to the threat area being all of New Zealand coasts for beach and marine. The models are looking good with the data matching the models across the Pacific. The current threat model will now remain in place until midday tomorrow.

It is expected there will be de-escalation from midday through to midnight, zone by zone, starting on the West Coast. Some areas could remain under threat for as long as two days from the earthquake occurring.

### **31 July 0845hrs**

No change to the current threat map and it remains valid until midday.

Tsunami gauges around New Zealand are showing tsunami waves, some as high as 30cm, therefore they could be higher along the coast. The Chatham Islands data is at 50cm and increasing. Dunedin is also increasing.

Some de-escalation can be expected from midday. Wellington is expected to experience waves for longer, while Kapiti may de-escalate earlier.

### **31 July 1150hrs**

Continues to be the same level of threat for the whole country. Criteria for de-escalation for the west coasts of both islands is expected to be met around mid-afternoon.

The Chatham Islands modelling is showing similar arrivals to earlier to arrive overnight. Expecting to receive reflections off South America, possibly overnight for the East Coast.

### **31 July 1500hrs**

The tide gauges for the west coast of the South Island are measuring at just below beach and marine thresholds.

The west coast of the North Island is trending down. The east coast of both islands is expected to receive reflections from South America. There will be a lull and it will pick up again overnight.

### **31 July 1900hrs**

De-escalation of most of the west coast of the South Island. Things haven't changed a lot, it's stable and satisfied it's not going to get any worse. Waiting on reflections on South America to arrive and there could still be spots that exceed the 30cm beach and marine threshold. It is expected that more zones will be de-escalated tomorrow morning.

### **1 Aug 0745hrs**

All of New Zealand has had its threat de-escalated, except for the Chatham Islands. The largest wave arrivals on the Chatham Islands have been from the reflected waves off South America. Beach and marine tsunami conditions were observed on the east coast of the South Island overnight, with the largest waves heights in Gisborne.

There remains a low level of activity across the east coast, but below the beach and marine threat threshold.

**1 Aug 1250hrs**

All of New Zealand has been de-escalated and there is no longer considered to be a beach and marine threat.

Strong currents are still expected to be observed over the weekend, but the tsunami threat has passed. The TEP is standing down for the weekend.

**4 Aug 1020hrs**

Strong currents were observed over the weekend and all activity has now passed. The TEP is closing the event.

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Date	Time in 24hr Format	Source	Category	Description	Comment	Item Type	Path
30/07/2025 1135	PTWC	PTWC TSUNAMI THREAT MESSAGE		TSUNAMI MESSAGE NUMBER 1 PRELIMINARY EARTHQUAKE PARAMETERS ----- * MAGNITUDE 8.0 * ORIGIN TIME 2325 UTC JUL 29 2025 * COORDINATES 52.2 NORTH 160.0 EAST * DEPTH 74 KM / 46 MILES * LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA		Item	sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia
30/07/2025 1138	MAR Centre	Decision		Decision made to open the HNF as event met distant threshold for tsunami threat to NZ approx 12hr wave time. Website updated with Intital Large Pacific EQ being assessed.		Item	sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia
30/07/2025 1139	MAR Centre	Social Media Update		Website updated with Messaging.		Item	sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia
				National Advisory Message No: 1: Large Pacific Earthquake Being Assessed Issued 11:37 30 July 2025			
30/07/2025 1140	Whispir	National Advisory				Item	sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia
				First call with NGMC: They have advised they are aware of the EQ event. Seismic data has not yet reached NZ instruments. Once the seismic signals reach NZ, NGMC will be able to do their assessments. NGMC SSO advised. TEP not activated at this stage. Next comms 30mins 1210.			
30/07/2025 1143	NGMC	Phone Call				Item	sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia
30/07/2025 1153	NGMC	EAT		Event Analysis #1: No threat to New Zealand. TEP will not be activated, but NGMC will keep an eye on it.		Item	sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia
				2nd call with NGMC: NGMC have a preferred magnitude of M8.0. EAT has been received.. NGMC have determined that there is NO tsunami threat to NZ. TEP will NOT be activated, however NGMC will have enhanced monitoring to keep an eye on it			
30/07/2025 1156	NGMC	Phone Call				Item	sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia
				Decision made to send NA: No Tsunami threat to NZ, based off information and EAT received from NGMC, social media will also be updated to reflect this			
30/07/2025 1156	MAR Watch Leader	Decision				Item	sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia
				National Advisory: Message No: 2 No Tsunami Threat to New Zealand Issued 11:59 30 July 2025			
30/07/2025 1159	Whispir	National Advisory				Item	sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia
30/07/2025 1203	MAR Watch Leader	Social Media Update		Webiste updated with NA - No tsunami Threat to NZ		Item	sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia

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## TSUNAMI MESSAGE NUMBER 2 PRELIMINARY EARTHQUAKE PARAMETERS

\* MAGNITUDE 8.7

\* ORIGIN TIME 2325 UTC JUL 29 2025

\* COORDINATES 52.2 NORTH 160.0 EAST

\* DEPTH 74 KM / 46 MILES

\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

30/07/2025 1218	PTWC	PTWC TSUNAMI THREAT MESSAGE	Event Analysis #2 TEP will be activated at 1300 NZT. DARTs NZE, NZF, NZG, NZH, NZI and NZL activated	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1232	NGMC	EAT	National Advisory Message No: 3 Large Pacific Earthquake Being Re-Assessed Issued 12:35 NZST 30 July 2025	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1235	Whispir	National Advisory	Decision Made send AD HOC Earthquake being released message, update on social media to follow	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1238	MAR Watch Leader	Decision	Decision made to send NA Beach and Marine threat message based off below forecast map , social media will be updated with the warning message next comms from NGMC will be at 1300hrs and TEP are activated and meeting at 1300hrs	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1245	MAR Watch Leader	Decision	NATIONAL ADVISORY Message No: 4: TSUNAMI ACTIVITY – EXPECT STRONG AND UNUSUAL CURRENTS AND UNPREDICTABLE SURGES AT THE SHORE Issued 12:57 30 July 2025	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1257	Whispir	National Advisory	Call from NGMC: No new info from the last EAT. TEP are meeting now. DARTs NZE, NZF, NZG, NZH, NZI and NZL activated seismically. next comms 30 mins 1330hrs or unless TEP makes a decision prior.	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1300	NGMC	Phone Call	Social media updated with NA Tsunami activity – expect strong and unusual currents and unpredictable surges at the shore messaging	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1303	MAR On-Call Chat	Update	Website updated and socials updated with strong and unusual currents.	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1304	MAR On-Call Chat	Update		Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>

<p>TSUNAMI MESSAGE NUMBER 3</p> <p>PRELIMINARY EARTHQUAKE PARAMETERS</p> <p>-----</p> <p>* MAGNITUDE 8.7</p> <p>* ORIGIN TIME 2325 UTC JUL 29 2025</p> <p>* COORDINATES 52.2 NORTH 160.0 EAST</p> <p>* DEPTH 74 KM / 46 MILES</p> <p>* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA</p> <p>30/07/2025 1310 PTWC PTWC TSUNAMI THREAT MESSAGE Including Wave Arrival times. Item <a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a></p> <p>30/07/2025 1313 Item <a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a></p> <p>Event Analysis # 3• Can confirm tsunami generated. Expect Beach and Marine threat for the entire country.</p> <ul style="list-style-type: none"> <li>• Some areas are edging towards land threats. These are Chatham Island, Christchurch, Banks Peninsula area, Northland.</li> <li>• Local CDEM's should be aware of their local hotspots with a Beach and Marine threat in place.</li> <li>• TEP is keeping close eye of incoming data and may update the current map when need be.</li> <li>• TEP will meet again at 15:00</li> </ul> <p>30/07/2025 1337 NGMC EAT Item <a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a></p> <p>Call from NGMC: Confirmed tsunami generated near the EQ site. Expected beach and marine for entire country including the Chatham Islands.</p> <p>TEP meeting again at 1500hrs when more information regarding the threat is available. All DART BOUYS ARE ACTIVATED SEISMICALLY, HOWEVER NGMC EXPECT TSUNAMAGENIC ACTIVITY SHORTLY.</p> <p>30/07/2025 1339 NGMC Phone Call Item <a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a></p> <p>Decision made to send updated NA Strong and Unusual Current with updated map and PTWC wave arrival times for NZ.</p> <p>30/07/2025 1341 MAR Watch Leader Decision Item <a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a></p> <p>Decision Made to run a group manager/controller/REMA meeting at 1415.</p> <p>30/07/2025 1341 National Controller Decision Item <a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a></p> <p>TSUNAMI MESSAGE NUMBER 4</p> <p>PRELIMINARY EARTHQUAKE PARAMETERS</p> <p>-----</p> <p>* MAGNITUDE 8.7</p> <p>* ORIGIN TIME 2325 UTC JUL 29 2025</p> <p>* COORDINATES 52.2 NORTH 160.0 EAST</p> <p>* DEPTH 74 KM / 46 MILES</p> <p>* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA</p> <p>30/07/2025 1351 PTWC PTWC TSUNAMI THREAT MESSAGE Item <a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a></p> <p>NATIONAL ADVISORY Message No: 5: TSUNAMI ACTIVITY – EXPECT STRONG AND UNUSUAL CURRENTS AND UNPREDICTABLE SURGES AT THE SHORE Issued 13:58 30 July 2025</p> <p>30/07/2025 1358 Whispir National Advisory Item <a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a></p> <p>30/07/2025 1400 PTWC Update UPDATED Wave Arrival Times Item <a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a></p>					
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30/07/2025 1404	NGMC	Phone Call	Call with NGMC: No new info at this stage. There is unlikely to be any changes until after the TEP meet at 1500hrs. Next comms once TEP have convened	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1405	MAR On-Call Chat	Update	NA #5 Showing on website.	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
TSUNAMI MESSAGE NUMBER 5					
THE TSUNAMI FORECAST IS UNCHANGED IN THIS MESSAGE.					
30/07/2025 1512	PTWC	PTWC TSUNAMI THREAT MESSAGE	PRELIMINARY EARTHQUAKE PARAMETERS	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1530	MAR On-Call Chat	Update	<p>MAR have touched base with Maritime NZ RCC. They have advised that they are happy with the information they are receiving from us. The RCC are using NEMA safety advice for all warnings covering NZ coastlines and PTWC for the wider NAVAREA XIV. I have let them know to contact us should they need anything or information clarified</p> <p>EAT Message Key Messages from TEP at 2pm meeting</p> <ul style="list-style-type: none"> <li>• Same threat assessment as before, there is still some uncertainty around Chathams.</li> <li>• Tsunami has been confirmed on multiple international DARTs and coastal tide gauges.</li> <li>• First tsunami arrivals expected to be around midnight, and the tsunami is expected to arrive over many hours and continue overnight and into tomorrow.</li> <li>• First waves are unlikely to be the largest. Past tsunami observations have shown that significant waves could arrive considerably later than the first arrival.</li> <li>• CDEM should be aware of their "hotspots" and advise accordingly</li> </ul> <p>Next TEP meeting if 17:00</p>	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1545	NGMC	EAT	Call from NGMC. There is an upgrade in magnitude to M8.8. Same threat assessment of Beach and Marine to all coastal areas. First tsunami arrivals are expected around midnight and will continue through the night into tomorrow morning. Past tsunami observations have shown that significant waves could arrive considerably later than the first arrival. CDEM groups have been advised to be aware of their "hotspots" for places most likely or commonly received coastal inundation. Next Comms once TEP has convened	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1554	NGMC	Phone Call		Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>

Released under the Official Information Act 1982

			Decision made to send up National Advisory Strong and Unusual with updated magnitude M8.8. NGMC have advised that the map is same map used as the previous National Advisory and the wave times are still the same as previously provided by the PTWC. The map will attached to the warning, social media will be updated to reflect the updated magnitude and a bespoke EMA is also being sent to coastal New Zealand areas and this is being prepared now.		
30/07/2025 1555	MAR Watch Leader	Decision		Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1611	Whispir	National Advisory	National Advisory Message: #6 TSUNAMI ACTIVITY – EXPECT STRONG AND UNUSUAL CURRENTS AND UNPREDICTABLE SURGES AT THE SHORE issued at 1611 30th July	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
			Emergency Mobile Alert sent: "TSUNAMI ADVISORY: Strong and unusual currents and unpredictable surges at the shore are expected following a magnitude 8.8 earthquake near Kamchatka, Russia. Strong currents and surges can injure and drown people. There is a danger to swimmers, surfers, people boating, and anyone in or near the water close to the shore. People on boats, live-aboards and at marinas should leave their boats/vessels and move onto shore. Do not return to boats unless instructed by officials. IF YOU ARE ONSHORE, YOU DO NOT NEED TO EVACUATE. But STAY AWAY FROM THE WATER, including beaches, shore areas, harbours, marinas, rivers and estuaries. DO NOT GO SIGHTSEEING." This advisory is for all coastal areas of the North Island, Great Barrier Island, the South Island, Stewart Island and the Chatham Islands. For more information go to <a href="http://www.civildefence.govt.nz">www.civildefence.govt.nz</a> Issued by the National Emergency Management Agency at 4:12pm 30/07/2025."	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1615	MAR Centre	EMA	TSUNAMI MESSAGE NUMBER 6THE TSUNAMI FORECAST IS UNCHANGED IN THIS MESSAGE.		
			PRELIMINARY EARTHQUAKE PARAMETERS		
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			* MAGNITUDE 8.7		
			* ORIGIN TIME 2325 UTC JUL 29 2025		
			* COORDINATES 52.2 NORTH 160.0 EAST		
			DEPTH 74 KM / 46 MILES		
			* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA		
30/07/2025 1640	PTWC	PTWC TSUNAMI THREAT MESSAGE		Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
30/07/2025 1710	National Controller	Decision	Decision made to hold Controllers' Call at 2000hrs	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>

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EAT # 5 Key Messages from TEP at 1700 meeting

- Same threat assessment as before, there is still some uncertainty around Chathams.
- Tsunami has been confirmed on multiple international DARTs and coastal tide gauges.
- First tsunami arrivals expected to be around midnight, and the tsunami is expected to arrive over many hours and continue overnight and into tomorrow.
- First waves are unlikely to be the largest. Past tsunami observations have shown that significant waves could arrive considerably later than the first arrival.
- CDEM should be aware of their “hotspots” and advise accordingly

.Next TEP meeting if 1900

SDO will ring follow up on this EAT.

30/07/2025 1738	NGMC	EAT	Item	<a href="sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
		Call from NGMC: There have been no updates or changes to the previous information. They have advised that current modelling is showing a Beach and M+ threat to Scott Base in Antarctica with the same levels as NZ with a +7hr first wave arrival time from NZ first wave arrival. Next update after TEP meets at 1900hrs.		
30/07/2025 1747	NGMC	Phone Call	Item	<a href="sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
		TSUNAMI MESSAGE NUMBER 17. THE TSUNAMI FORECAST IS UNCHANGED IN THIS MESSAGE.  PRELIMINARY EARTHQUAKE PARAMETERS ----- * MAGNITUDE 8.8 * ORIGIN TIME 2325 UTC JUL 29 2025 * COORDINATES 52.2 NORTH 160.0 EAST * DEPTH 74 KM / 46 MILES * LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA		
30/07/2025 1826	PTWC	TWC TSUNAMI THREAT MESSAGE	Item	<a href="sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>

TSUNAMI MESSAGE NUMBER 8

THE TSUNAMI FORECAST IS UNCHANGED IN THIS MESSAGE.

PRELIMINARY EARTHQUAKE PARAMETERS

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\* MAGNITUDE 8.8

\* ORIGIN TIME 2325 UTC JUL 29 2025

\* COORDINATES 52.2 NORTH 160.0 EAST

\* DEPTH 74 KM / 46 MILES

\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

30/07/2025 1927

PTWC

PTWC TSUNAMI THREAT MESSAGE

Item

[sites/NEMAMAR/Lists/2025\\_July\\_M87\\_Kamchatka\\_Russia](sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia)

EAT MESSAGE 6Key Message from TEP at 1900 meeting.

- Beach and Marine threat for all of NZ, including the Chathams.
- Beach and Marine threat likely to extend into tomorrow.
- East Coast likely to experience larger reflections. West Coast may experience smaller reflections.
- CDEM's should be aware of other "hotspots" and advise accordingly.
- First tsunami arrival is expected to be around midnight, and the tsunami is expected to arrive over many hours and continue overnight and into tomorrow.
- First waves are likely to be the largest. Past tsunami observations have shown that significant waves could arrive considerably later than the first arrival.

- Manual DART trigger at 9pm NZT

- Next TEP at 10pm NZT

30/07/2025 1948

NGMC

EAT

Item

[sites/NEMAMAR/Lists/2025\\_July\\_M87\\_Kamchatka\\_Russia](sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia)

National Advisory Message No: 7 TSUNAMI ACTIVITY – EXPECT STRONG AND UNUSUAL CURRENTS AND UNPREDICTABLE SURGES AT THE SHORE Issued 08:30pm 30 July 2025

30/07/2025 2030

Whispir

National Advisory

Item

[sites/NEMAMAR/Lists/2025\\_July\\_M87\\_Kamchatka\\_Russia](sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia)

TSUNAMI MESSAGE NUMBER 9

THE TSUNAMI FORECAST IS UNCHANGED IN THIS MESSAGE.

PRELIMINARY EARTHQUAKE PARAMETERS

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\* MAGNITUDE 8.8  
\* ORIGIN TIME 2325 UTC JUL 29 2025  
\* COORDINATES 52.2 NORTH 160.0 EAST  
\* DEPTH 74 KM / 46 MILES  
\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

30/07/2025 2039	PTWC	PTWC TSUNAMI THREAT MESSAGE	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>	
30/07/2025 2332	National Controller	Decision	Decsision made to hold Tsunami Event Discussion #1 @ 0830 31st July	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
31/07/2025 0001	MAR Watch Leader	Event Update	TEP Update sent to CDEM Groups.	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
31/07/2025 0532	Whispir	National Advisory	National Advisory Message No 1 Issued 11:53 am	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
31/07/2025 0608	MAR Watch Leader	Event Update	Event Update #1 - M 8.8 Russian Earthquake 31/07/25 0610hrs	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>

EMA Sent:  
Description: "TSUNAMI - National Advisory BEACH AND MARINE"  
Start time: Thu Jul 31 06:30:04 NZST 2025.

End time: Thu Jul 31 18:30:04 NZST 2025.

From: NEMA

Content:

"TSUNAMI ADVISORY: Strong currents and surges are occurring after the M8.8 earthquake near Russia. These currents and surges can injure or drown people. Stay away from beaches, shorelines, harbours, rivers, and estuaries. DO NOT GO SIGHTSEEING.

People with boats and live-aboards should remain onshore unless directed otherwise. IF YOU ARE ONSHORE, EVACUATION IS NOT REQUIRED, but STAY AWAY FROM WATER.

This advisory applies to all coastal areas of NZ. The threat is likely to remain in force until at least midday today.

31/07/2025 0630	EMA	Tsunami activity has already reached parts of NZ. Initial surges may not be the largest, and activity could	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>	
		EAT #8 Next official TEP meeting at 11am 31/7			
		Key messages			
		<ul style="list-style-type: none"><li>• We are seeing observations consistent with Beach &amp; Marine threat in NZ, with several observations above Beach &amp; Marine threshold but below Land threat. No observations consistent with Land threat. No escalation at the moment.</li><li>• Current map will continue coastal observations have likely not reached peak in many parts of New Zealand and are increasing in a few locations.</li><li>• This information will be reviewed on an ongoing basis based on arrivals at NZ DART and tsunami gauges – next TEP meeting 11am unless something unexpected develops</li></ul>			
31/07/2025 0903	NGMC	EAT	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>	
31/07/2025 1000	MAR Centre	Event Update	Email sent to groups advising Nationwide EMA to STOP at 1015hrs	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
31/07/2025 1017	MAR Centre	EMA	National EMA Stopped	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
31/07/2025 1149	MAR On-Call Chat	Social Media Update	Social Media updated with Large Pacific EQ holding message.	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
		Decision Made: MAR to issue a National Advisory with this information			
31/07/2025 1200	National Controller;#MAR Watch Leader	Decision		Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
		NATIONAL ADVISORY Message No: 9: TSUNAMI ACTIVITY – EXPECT STRONG AND UNUSUAL CURRENTS AND UNPREDICTABLE SURGES AT THE SHORE Issued 12:21 31 July 2025			
31/07/2025 1221	Whispir	National Advisory		Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
31/07/2025 1230	MAR Watch Leader	Event Update	Event Update #2 - M8.8 Russia Earthquake 31/07/25 1230hrs	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
31/07/2025 1506	National Controller	Decision	Decsision Made to Issue Updated NA	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>

31/07/2025 1527	Whispir	National Advisory	NATIONAL ADVISORY Message No: 10: TSUNAMI ACTIVITY – EXPECT STRONG AND UNUSUAL CURRENTS AND UNPREDICTABLE SURGES AT THE SHORE Issued 15:27 31 July 2025	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
31/07/2025 1949	Whispir	National Advisory	NATIONAL ADVISORY Message No: 11: TSUNAMI ACTIVITY – EXPECT STRONG AND UNUSUAL CURRENTS AND UNPREDICTABLE SURGES AT THE SHORE Issued 1945 NZST 31 July 2025	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
1/08/2025 0810	Whispir	National Advisory	NATIONAL ADVISORY Message No: 12: TSUNAMI ACTIVITY – EXPECT STRONG AND UNUSUAL CURRENTS AND UNPREDICTABLE SURGES AT THE SHORE Issued at 8:10 AM NZST 01 August 2025	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>
1/08/2025 1358	Whispir	National Advisory	NATIONAL ADVISORY Message No:13 : TSUNAMI ACTIVITY – CANCELLED - Issued 13:58 01 August 2025	Item	<a href="#">sites/NEMAMAR/Lists/2025_July_M87_Kamchatka_Russia</a>

Released under the Official Information Act 1982

31/07/2025 5:24 AM

s9(2)(g)(ii)

s9(2)(g)(ii) [NEMA]

By the way - between midnight and now I got 40 email notifications from whispir - I didn't silence my phone (bc duty) and it was a lot. I understand this is a glitch with PTWC advisory but can we note this too? Thanks

31/07/2025 5:26 AM

s9(2)(g)(ii)

[NEMA]

Yes so did we and [REDACTED] s9(2)(g)(ii) NE We have emailed Ops Systems to report this and the EMA issue mentioned by [REDACTED] s9(2)(g)(ii) NEMA Sta (above)

2x  : s9(2)(g)(ii) [NEMA], s9(2)(g)(ii) [NEMA]

31/07/2025 5:28 AM

s9(2)(g)(ii)

[NEMA]

Just preparing the next NA now. Looking to send it at 5.30am

2x  : s9(2)(g)(ii) [NEMA], s9(2)(g)(ii) [NEMA]

31/07/2025 5:32 AM

s9(2)(g)(ii)

[NEMA]

New National Advisory Tsunami Activity sent

31/07/2025 5:33 AM

s9(2)(g)(ii)

[NEMA]

EMA Message for approval

TSUNAMI ADVISORY: Strong and unusual currents and unpredictable surges at the shore are expected following a magnitude 8.8 earthquake near Kamchatka, Russia.

Strong currents and surges can injure and drown people. There is a danger to swimmers, surfers, people fishing, and anyone in or near the water close to the shore.

People on boats, live-aboards and at marinas should leave their boats/vessels and move onto shore. Do not return to boats unless instructed by officials.

IF YOU ARE ONSHORE, YOU DO NOT NEED TO EVACUATE. But STAY AWAY FROM THE WATER, including beaches, shore areas, harbours, marinas, rivers and estuaries. DO NOT GO SIGHTSEEING.

This advisory is for all coastal areas of the North Island, Great Barrier Island, the South Island, Stewart Island and the Chatham Islands.

The threat is likely to remain in force until at least midday today.

Tsunami activity has already reached parts of New Zealand. The first currents and surges are unlikely to be the largest and are expected to continue over many hours. The threat must be regarded as real until this Advisory is cancelled.

For more information go to [www.civildefence.govt.nz](http://www.civildefence.govt.nz)

31/07/2025 5:34 AM s9(2)(g)(ii) [NEMA]

New National Advisory now on website with updated map (Once again No change to map apart from time last updated)

31/07/2025 5:35 AM s9(2)(g)(ii) [NEMA]

Looks fine to me - what time were you thinking of sending?

31/07/2025 5:35 AM s9(2)(g)(ii) [NEMA]

0600hrs

31/07/2025 5:38 AM s9(2)(g)(ii) [NEMA]

Looks good to me too. Approved

2x  : Unknown, Unknown

31/07/2025 5:39 AM s9(2)(g)(ii) [NEMA]

That will be really early for a lot of people - sorry to question you but I think we'll get a lot of public pushback

31/07/2025 5:39 AM s9(2)(g)(ii) [NEMA]

I think we will too [REDACTED], but I'm also conscious we need to advise people of information relevant to their day and their morning commute.

31/07/2025 5:40 AM s9(2)(g)(ii) [NEMA]

That's fair - I get that

31/07/2025 5:40 AM s9(2)(g)(ii) [NEMA]

It's not a decision I have taken lightly

31/07/2025 5:40 AM s9(2)(g)(ii) [NEMA]

No of course not - that's all good

31/07/2025 5:42 AM s9(2)(g)(ii) [NEMA]

Looks fine to me too. [REDACTED] will need a line or two defending the early morning wake up call.

1x  s9(2)(g)(ii) [NEMA]

31/07/2025 5:43 AM s9(2)(g)(ii) [NEMA]

Social media updated for new National Advisory.

31/07/2025 5:43 AM s9(2)(g)(ii) [NEMA]

I've advised him it's happening and he will be provided with lines to defend it.

31/07/2025 5:43 AM s9(2)(g)(ii) [NEMA]

The wording on the EMA is too long for the system. Approx 300 characters over

31/07/2025 5:44 AM

s9(2)(g)(ii)

**[NEMA]**

If we cut the new info we've added we have 3 characters to spare

31/07/2025 5:44 AM

s9(2)(g)(ii)

**[NEMA]**

Is the EMA clear enough that it is a second one and the test continues? Some language is in the wrong tense. ie strong and unusual currents are expected

Think this would be more effective as strong and unusual currents have occurred in New Zealand and are expected to continue until at least midday

Think if sending it again which we need to do it really needs to be clear it is not a glitch or a repeat

31/07/2025 5:45 AM

s9(2)(g)(ii)

**[NEMA]**

I agree. We have to be clear that it's because the situation is updated

31/07/2025 5:46 AM

s9(2)(g)(ii)

**[NEMA]**

The strong and unusual currents are ongoing. Will reword a bit. Are there any sections you think we can cut out to make the word count?

31/07/2025 5:46 AM

s9(2)(g)(ii)

**[NEMA]**

Language for people on boats etc should change from should leave to should remain onshore etc. Reframe to reinforce the behaviour they should have done.

31/07/2025 5:47 AM

s9(2)(g)(ii)

**[NEMA]**

Have a look in the templates. Wellington definitely has a template for continued wave arrival. Not sure if others do

31/07/2025 5:47 AM

s9(2)(g)(ii)

**[NEMA]**

Good point

Standing by to see the reworded one

s9(2)(g)(ii) NEMA Stat

31/07/2025 5:47 AM

s9(2)(g)(ii)

[NEMA]

This advisory is for all coastal areas of NZ.

1x  : s9(2)(g)(ii) [NEMA]

31/07/2025 5:48 AM

s9(2)(g)(ii)

[NEMA]

The threat is likely to remain until midday today.

31/07/2025 5:48 AM

s9(2)(g)(ii)

[NEMA]

I'm cutting small words, but see what the templates have

31/07/2025 5:42 AM

s9(2)(g)(ii)

s9(2)(g) [NEMA]  
(ii)

Looks fine to me too.  will need a line or two defending the early morning wake up call.

31/07/2025 5:50 AM

s9(2)(g)(ii)

[NEMA]

You've picked up that some people's phones, including mine, re alerted at about 3:30. I'm not happy about it so not sure about anyone's inter general public.

31/07/2025 5:51 AM

s9(2)(g)(ii)

[NEMA]

I wasn't aware of that - what caused it?

31/07/2025 5:52 AM

s9(2)(g)(ii)

[NEMA]

I've just spoken to  - we will push the EMA out to 0630

1x  : s9(2)(g)(ii) [NEMA]

31/07/2025 5:52 AM

s9(2)(g)(ii)

[NEMA]

Do we know the status of the morning commuter ferries?

31/07/2025 5:51 AM

s9(2)(g)(ii)

s9(2)(g) [NEMA]

(ii)  
I wasn't aware of that - what caused it?

31/07/2025 5:52 AM

s9(2)(g)(ii)

[NEMA]

s9(2)(g)(ii) NEMA Staff

No idea. But some of the Mar phones went off as well. [REDACTED] will follow up today but I suspect it happened outside NEMA as well.

31/07/2025 5:53 AM

s9(2)(g)(ii)

[NEMA]

s9(2)(g)

Will prepare a line for [REDACTED]

31/07/2025 5:53 AM

s9(2)(g)(ii)

[NEMA]

No, but AEM rang me last night asking for info as early as possible to help that decision, and we gave it about 11.30pm

31/07/2025 5:54 AM

s9(2)(g)(ii)

[NEMA]

I'll ask their PIM but will wait until after 6am

1x  : s9(2)(g)(ii)

[NEMA]

31/07/2025 5:59 AM

s9(2)(g)(ii)

[NEMA]

New EMA wording

TSUNAMI ADVISORY: Strong and unusual currents and unpredictable surges at the shore are occurring following a M8.8 earthquake near Russia.

Strong currents and surges can injure and drown people. There is a danger for anyone in or near the water close to the shore.

People with boats or live-aboards should remain onshore. Do not return to boats unless instructed by officials.

IF YOU ARE ONSHORE, YOU DO NOT NEED TO EVACUATE. But STAY AWAY FROM THE WATER, including beaches, shore areas, harbours, marinas, rivers and estuaries. DO NOT GO SIGHTSEEING.

This advisory is for all coastal areas of NZ.

The threat is likely to remain in force until midday today.

Tsunami activity has already reached parts of NZ. The first currents and surges are unlikely to be the largest and are expected to continue over many hours. The threat must be regarded as real until this Advisory is cancelled.

For more info go to [www.civildefence.govt.nz](http://www.civildefence.govt.nz)

31/07/2025 6:00 AM s9(2)(g)(ii)

[NEMA]

Looks good to me. Thank you

1x  : Unknown

31/07/2025 6:00 AM s9(2)(g)(ii)

[NEMA]

Looks good to me with those changes

1x  : Unknown

31/07/2025 6:00 AM s9(2)(g)(ii)

[NEMA]

Cool. Will tee that up for 6.30

31/07/2025 6:01 AM s9(2)(g)(ii)

[NEMA]

I'll look to send the event update now

1x  : s9(2)(g)(ii) [NEMA]

31/07/2025 6:07 AM s9(2)(g)(ii)

[NEMA]

s9(2)(b) needs the event update ASAP as he has to get it to the Minister in time for him to prepare for his media

31/07/2025 6:08 AM s9(2)(g)(ii)

[NEMA]

Have just sent it

31/07/2025 6:09 AM s9(2)(g)(ii)

[NEMA]

Thank you

1x  : Unknown

31/07/2025 6:11 AM

s9(2)(g)(ii)

**[NEMA]**

Can we please have a couple of lines defending the re-issue of the EMA this morning. <sup>s9(2)(g)</sup> is well across it, but we need to provide something for the Minister. If the PIM could drop them in here, I will send them through.

31/07/2025 6:12 AM

s9(2)(g)(ii)

**[NEMA]**

<sup>s9(2)(g)(ii) NEMA St</sup> is all over it - we are sending over an updated key messages email shortly

31/07/2025 6:12 AM

s9(2)(g)(ii)

**[NEMA]**

AMAZING - thank you

31/07/2025 6:14 AM

s9(2)(g)(ii)

**[NEMA]**

Are Groups aware of the EMA?

31/07/2025 6:14 AM

s9(2)(g)(ii)

**[NEMA]**

Yes

1x  : <sup>s9(2)(g)(ii)</sup> [NEMA]

31/07/2025 6:20 AM

s9(2)(g)(ii)

**[NEMA]**

Sorry about this, but EMA characters were an issue with the second attempt at the EMA

Here is the third attempt

TSUNAMI ADVISORY: Strong currents and surges are occurring after the M8.8 earthquake near Russia. These currents and surges can injure or drown people. Stay away from beaches, shorelines, harbours, rivers, and estuaries. DO NOT GO SIGHTSEEING.

People with boats and live-aboards should remain onshore unless directed otherwise. IF YOU ARE ONSHORE, EVACUATION IS NOT REQUIRED, but STAY AWAY FROM WATER.

This advisory applies to all coastal areas of NZ. The threat is likely to remain in force until at Least midday today.

Tsunami activity has already reached parts of NZ. Initial surges may not be the largest, and activity could continue for hours. Treat the threat as real until the advisory is cancelled.

For updates, visit [www.civildefence.govt.nz](http://www.civildefence.govt.nz).

31/07/2025 6:26 AM s9(2)(g)(ii)

[NEMA]

additional back pockets as requested:

31/07/2025 6:26 AM s9(2)(g)(ii)

[NEMA]

s9(2)(g)(i)

s9(2)(g)(i)

all Information Act 1982

2x  : Unknown, s9(2)(g)(ii) [NEMA]

31/07/2025 6:27 AM s9(2)(g)(ii) [NEMA]

Will send out the EMA as it is above at 0630hrs

1x  : s9(2)(g)(ii) [NEMA]

31/07/2025 6:30 AM s9(2)(g)(ii) [NEMA]

EMA Sent

31/07/2025 6:31 AM s9(2)(g)(ii) [NEMA]

Received 😊