

# Tsunami Forecast Map

Earthquake details: M8.1 Kermadec Earthquake #2

Time of earthquake: 08:28 NZDT 05/03/2021

Map issued at: 09:35 NZDT 05/03/2021



## NOTE:

1. The stated threat levels may apply to any one of the series of waves generated by the event and not necessarily to the first wave. The first wave is not always the largest or highest and waves are likely to continue for many hours.
2. The threat levels suggest the largest wave at any coastal point inside the zone. Wave heights will vary within a zone.
3. The amplitudes do not include the tidal state (sea level) at the time the wave reaches the shore.
4. The estimate is for the maximum expected wave amplitude at shore. Run-up can be up to twice as high on steep slopes onshore near the coast i.e. a wave measuring 5m at shore can run-up as high as 10m on-land near the shore.
5. The expected wave amplitudes (crest to sea level) at the shore are likely to be different to measurements given in PTWC bulletins. PTWC measurements are taken at sea level gauges in the open ocean or at coastal points off-shore from New Zealand. NEMA information represents the official threat estimates.

Maximum expected amplitude at shore		Threat definition
	<0.3m	<b>No threat</b>
	0.3–1m	<b>Beach &amp; Marine Threat</b> (including harbours, estuaries and small boats)
	1–3m	<b>Land &amp; Marine Threat</b>
	3–5m	
	5–8m	
	>8m	