

ICG/ITSU

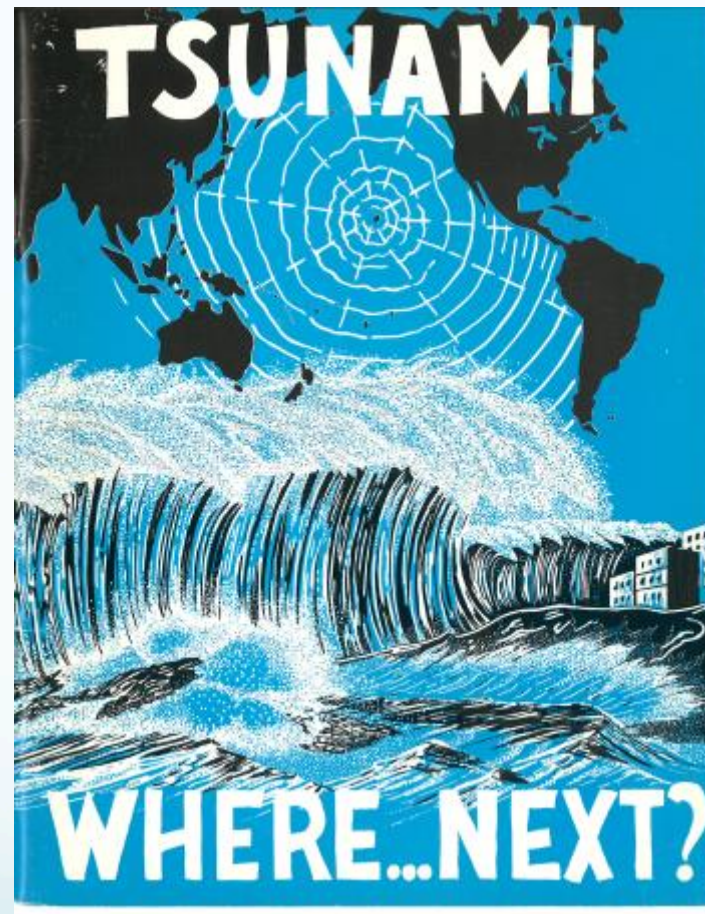
1965 - 1985

...the beginning

- April 1, 1946, Aleutian Is. (8.6) 167 deaths.
Seismic Sea-Wave Warning System was set up 2 years later at the Seismic Observatory in Honolulu.
- December 20, 1946, Honshu, Japan (8.1) 1362 deaths.
- November 20, 1952, Kamchatka (9.0) 4000 deaths.
- In response to these destructive tsunamis, Tsunami Warning Systems were established in 1952 in both Japan and the Kamchatka region of Russia.

Mandate of ITIC revised by ITSU in 1977

- 1) to monitor and recommend improvements to the warning system
- 2) to bring to Member and non-member States information about activities of the warning system
- 3) to assist in the establishment of national tsunami warning systems in the Pacific region
- 4) to gather and distribute knowledge on tsunamis and foster tsunami research and its applications
- 5) to help make available all records pertaining to tsunamis
- 6) to assist with and develop procedures for post-tsunami surveys

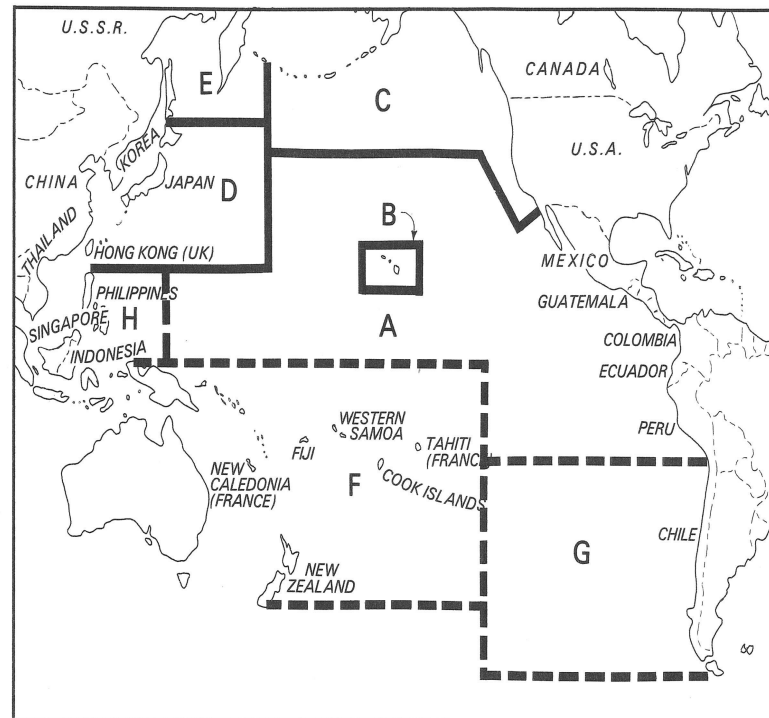


Significant tsunamis during the period 1965-1985

Magnitude ≥ 7.5 AND Hmax $\geq 5.0\text{m}$ OR deaths OR damage

Location	Date	Mag	Hmax	I	Deaths	Damage
Sanana Is., Indonesia	24 Jan 1965	7.6		2.00	71	
Rat Is, Alaska	04 Feb 1965	8.7	10.70	2.50		
Central Peru	17 Oct 1966	8.1	3.00	1.50		\$2.0M
Honshu I., Japan	16 May 1968	8.2	6.00	2.00	52	
Banda Sea, Indonesia	14 Aug 1968	7.8	10.00	2.50	200	
S. Kuril Is., Russia	11 Aug 1969	8.2	5.00	2.00		
Kamchatka, Russia	22 Nov 1969	7.7	15.00	3.00		
Bismarck Sea, PNG	14 Jul 1971	7.9	6.00	1.00	2	
Bismarck Sea, PNG	26 Jul 1971	7.9	10.00	1.50		
Hokkaido I., Japan	17 Jun 1973	7.7	5.96	1.00		\$5.0M
Hawaii (Volcano)	29 Nov 1975	7.7	14.30	3.00	2	\$1.5M
Moro Gulf, Philippines	16 Aug 1976	8.0	9.00	2.50	4376	\$134 M
Sunda Is., Indonesia	19 Aug 1977	8.0	15.00	3.00	189	\$1.2M
Irian Jaya, Indonesia	12 Sep 1979	7.9	2.00		100	
Colombia	12 Dec 1979	7.7	6.00	2.50	600	\$8.0M
Noshiro, Japan	26 May 1983	7.8	14.93	2.00	100	\$800 M

Proposed areas of responsibility for TWCs in the Pacific (1983)



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|----------------|---|---|
| | A | PACIFIC TSUNAMI WARNING CENTER (PTWC) |
| | B | HAWAII TSUNAMI WARNING CENTER (U.S. NATIONAL TWC) |
| | C | ALASKA TSUNAMI WARNING CENTER |
| | D | JAPAN TSUNAMI WARNING CENTER |
| | E | U.S.S.R. TSUNAMI WARNING CENTER |
| <i>Planned</i> | F | SOUTH WEST PACIFIC TSUNAMI WARNING CENTER |
| | G | SOUTH AMERICA TSUNAMI WARNING CENTER |
| | H | WEST PACIFIC TSUNAMI WARNING CENTER |

Wave reporting and seismic stations (1983)

