ICG/PTWS–SC Mtg.
September, 2024

Report from Northwest Pacific Tsunami Advisory Center (NWPTAC)

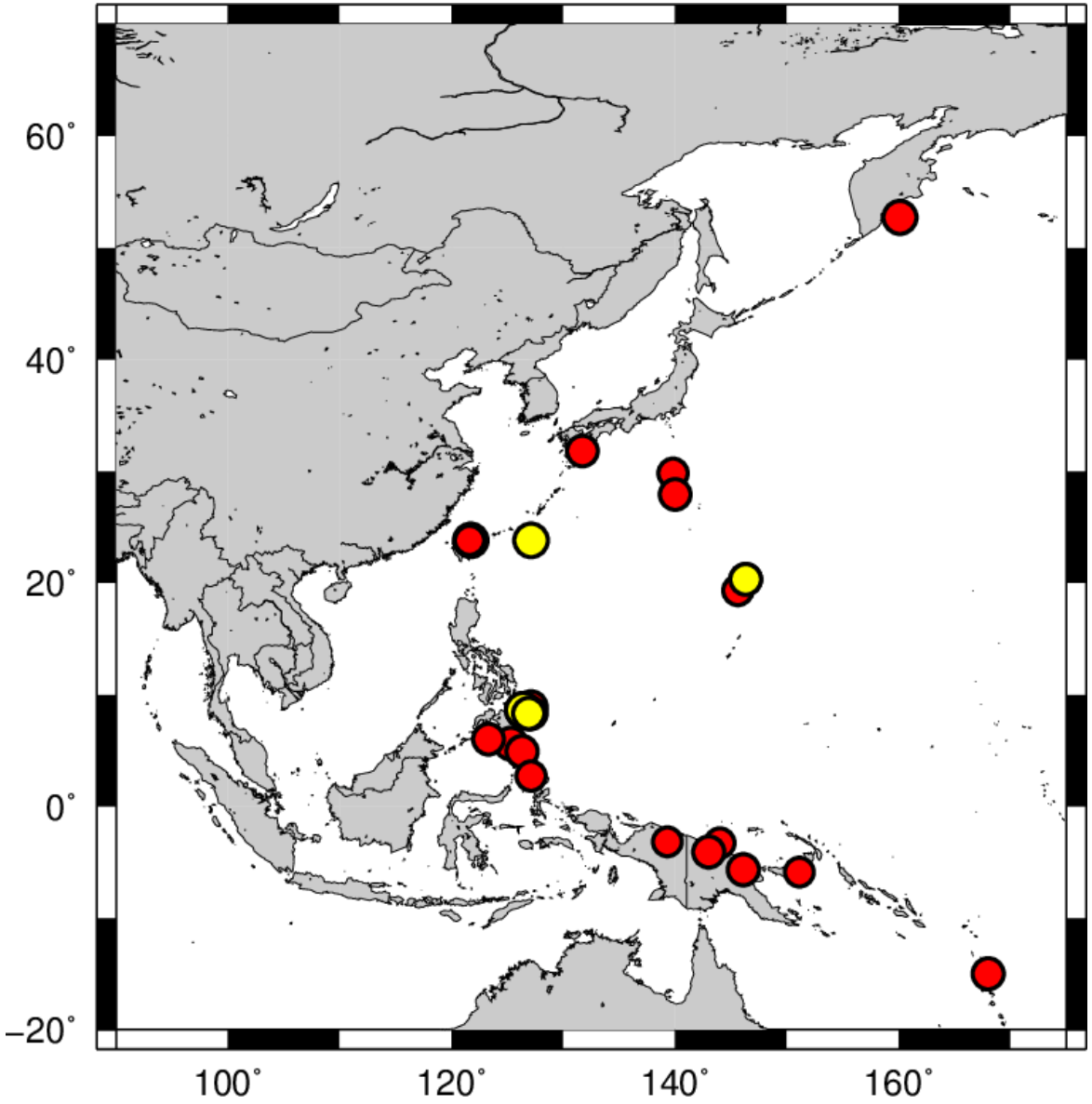
Northwest Pacific Tsunami Advisory Center (NWPTAC)
Japan Meteorological Agency (JMA)

NWPTA Issuance (September 2023 – August 2024)

Origin Time(UTC)	Lat.	Lon.	Location	Mag.	Elapsed Time(min)*	Tsunami Potential
01:59Z 05 OCT 2023	29.8N	139.8E	SOUTHEAST OF HONSHU, JAPAN	6.6	11	A VERY SMALL POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI
08:34Z 07 OCT 2023	5.7S	146.1E	EASTERN NEW GUINEA REG., P.N.G.	7.0	19	A VERY SMALL POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI
08:14Z 17 NOV 2023	5.6N	125.3E	MINDANAO, PHILIPPINES	7.2	23	A POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI NEAR THE EPICENTER
04:48Z 22 NOV 2023	15.0S	168.0E	VANUATU ISLANDS	7.0	17	A VERY SMALL POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI
09:05Z 24 NOV 2023	20.3N	146.3E	MARIANA ISLANDS REGION	6.9	27	A VERY SMALL POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI
21:47Z 27 NOV 2023	3.3S	144.0E	NEAR N COAST OF NEW GUINEA, P.N.G.	6.6	16	A VERY SMALL POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI
14:37Z 02 DEC 2023	8.6N	126.4E	MINDANAO, PHILIPPINES	7.7	24	A POSSIBILITY OF A DESTRUCTIVE REGIONAL TSUNAMI
10:36Z 03 DEC 2023	8.3N	126.9E	MINDANAO, PHILIPPINES	7.0	19	A VERY SMALL POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI
19:50Z 03 DEC 2023	8.9N	127.1E	PHILIPPINE ISLANDS REGION	7.0	23	A VERY SMALL POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI
17:16Z 30 DEC 2023	3.2S	139.3E	IRIAN JAYA, INDONESIA	6.5	25	NO POSSIBILITY OF A TSUNAMI
20:49Z 08 JAN 2024	4.9N	126.3E	TALAUD ISLANDS, INDONESIA	7.0	24	A VERY SMALL POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI
20:22Z 23 MAR 2024	4.1S	143.0E	NEW GUINEA, PAPUA NEW GUINEA	7.0	23	NO POSSIBILITY OF A TSUNAMI
23:58Z 02 APR 2024	23.8N	121.7E	TAIWAN	7.5	8	A POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI NEAR THE EPICENTER
11:03Z 05 APR 2024	19.3N	145.6E	MARIANA ISLANDS	6.6	12	NO POSSIBILITY OF A TSUNAMI
09:48Z 09 APR 2024	2.7N	127.1E	NORTHERN MOLUCCA SEA	6.6	22	A VERY SMALL POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI
20:57Z 14 APR 2024	5.9S	151.1E	NEW BRITAIN REGION, P.N.G.	6.5	20	A VERY SMALL POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI
18:26Z 22 APR 2024	23.8N	121.6E	TAIWAN	6.6	11	A VERY SMALL POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI
08:35Z 27 APR 2024	27.9N	140.0E	BONIN ISLANDS, JAPAN REGION	6.9	9	NO POSSIBILITY OF A TSUNAMI
02:13Z 11 JUL 2024	6.0N	123.3E	MINDANAO, PHILIPPINES	6.9	15	NO POSSIBILITY OF A TSUNAMI
22:23Z 02 AUG 2024	8.3N	127.1E	PHILIPPINE ISLANDS REGION	7.0	19	A VERY SMALL POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI
07:42Z 08 AUG 2024	31.8N	131.7E	KYUSHU, JAPAN	6.9	6	A VERY SMALL POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMI
19:10Z 17 AUG 2024	52.7N	160.1E	OFF EAST COAST OF KAMCHATKA	7.4	21	A POSSIBILITY OF A DESTRUCTIVE LOCAL TSUNAMINEAR THE EPICENTER

*) Elapsed time from Eq. origin time to Issuance the first NWPTA Products (minutes)

Earthquake locations of NWPTA Issuance (September 2023 – August 2024)



- issued for 22 events

NWPTAC Major Activities (Sep. 2023 – Aug. 2024)

Dec. 05, 2023 Communications Test

May. 28, 2024 Communications Test

NWPTA COMMUNICATIONS TEST
ISSUED BY NWPTAC(JMA)
ISSUED AT 0500Z 28 MAY 2024

THIS IS A TEST MESSAGE.

THIS TEST MESSAGE IS SENT TO EACH RECIPIENT ORGANIZATION
IN ORDER TO EXAMINE THE COMMUNICATIONS STATUS.

PLEASE COMPLETE AND RETURN THE ACKNOWLEDGEMENT FORM ENCLOSED WITH
IOC CIRCULAR LETTER NO. 2996 AS WELL AS THIS MESSAGE, BY TELEFAX AND/OR E-MAIL TO:
+81 3 3584 8644
NWPTAC UNDERSCORE HOKUSEI AT MET.KISHOU.GO.JP

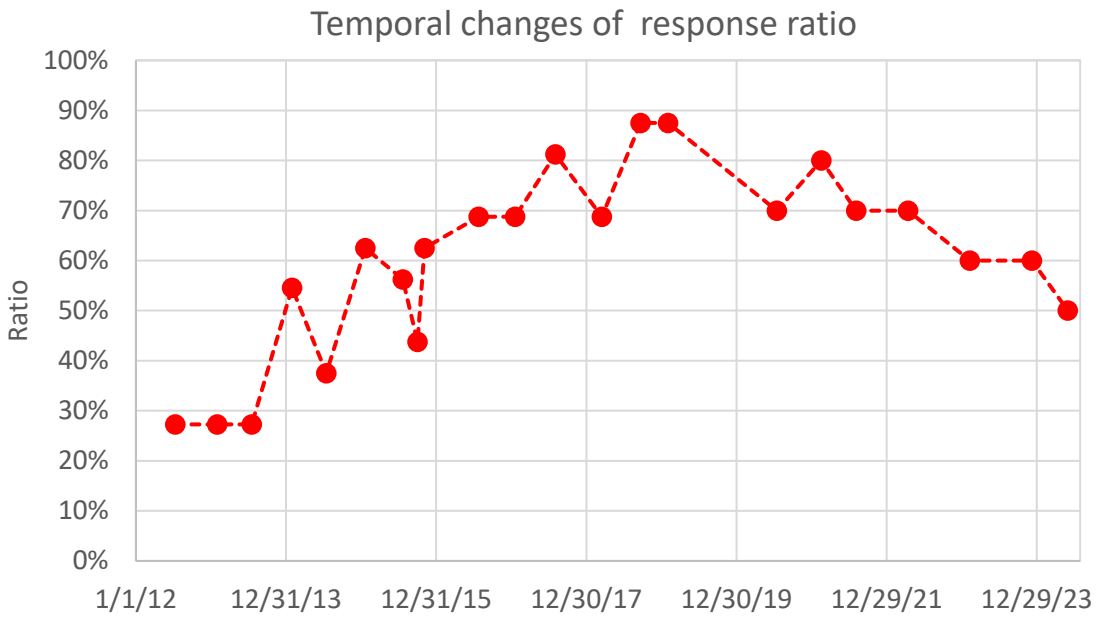
Communications Test

Japan Meteorological Agency

Operation Room of NWPTAC (JMA)

Communication Tests

NWPTAC conducts communication tests basically twice a year since 2012. Thanks to the coordination of the secretariat and the member states, the situation is maintained.



Date	Number of responses	Number of recipients	Response Ratio
2012/7/11	3	11	27%
2013/1/30	3	11	27%
2013/7/17	3	11	27%
2014/1/29	6	11	55%
2014/7/14	6	16	38%
2015/1/21	10	16	63%
2015/7/22	9	16	56%
2015/10/1	7	16	44%
2015/11/4	10	16	63%
2016/7/25	11	16	69%
2017/1/17	11	16	69%
2017/8/1	13	16	81%
2018/3/15	11	16	69%
2018/9/20	14	16	88%
2019/1/31	14	16	88%
2020/7/14	7	10	70%
2021/2/15	8	10	80%
2021/8/3	7	10	70%
2022/4/12	7	10	70%
2023/2/7	6	10	60%
2023/12/5	6	10	60%
2024/5/28	5	10	50%

Some countries (same countries) have not responded to communication tests recently.

Communication Tests
(Telefax Failure)

There are fax numbers that now routinely fail.
Failure to receive a telefax not only fails to disseminate the warning, but also burdens the TSP with the retransmission process.

19
sent
in the last test

6
non-received
in the last test

5
failed the last two tests as well

We ask for confirmation of the fax receiving system, or notification of the end of the reception by the next test (a few months later).

NWPTAC User's Guide

- NWPTAC User's Guide is edited based on the proposed common Table of Contents, and is currently being reviewed in JMA.

Common PTWS TSP Users' Guide
Table of Contents

Draft of NWPTAC Users' Guide
Table of Contents

Thank you very much for your kind attention.