TSUNAMI BULLETIN NUMBER 001

ISSUED BY NWPTAC(JMA)

ISSUED AT 2345Z 29 JUL 2025

HYPOCENTRAL PARAMETERS

ORIGIN TIME:2325Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.0

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

NORTH COASTS OF SOLOMON ISLANDS

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

UST\_KAMCHATSK 56.1N 162.6E 2354Z 29 JUL 0.3-1M

PETROPAVLOVSK\_K 53.2N 159.6E 2345Z 29 JUL 5-10M

NIKOLSKOYA 55.1N 165.7E 2346Z 29 JUL 0.3-1M

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2358Z 29 JUL 0.3-1M

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0802Z 30 JUL 0.3-1M

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 002

ISSUED BY NWPTAC(JMA)

ISSUED AT 0049Z 30 JUL 2025

HYPOCENTRAL PARAMETERS (REVISION)

ORIGIN TIME:2325Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

EAST COASTS OF PHILIPPINES (ADDITION)

NORTH COASTS OF IRIAN JAYA (ADDITION)

NORTH COASTS OF PAPUA NEW GUINEA (ADDITION)

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS (ADDITION)

PALAU (ADDITION)

MICRONESIA (ADDITION)

MARSHALL ISLANDS (ADDITION)

SOLOMON SEA (ADDITION)

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0020Z 30 JUL 0.3-1M (ADDITION)

UST\_KAMCHATSK 56.1N 162.6E 2354Z 29 JUL 1-3M (REVISION)

PETROPAVLOVSK\_K 53.2N 159.6E 2345Z 29 JUL OVER10M (REVISION)

NIKOLSKOYA 55.1N 165.7E 2346Z 29 JUL 3-5M (REVISION)

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2358Z 29 JUL 1-3M (REVISION)

URUP\_IS. 46.1N 150.5E 0036Z 30 JUL 0.3-1M (ADDITION)

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

LEGASPI 13.2N 123.8E 0620Z 30 JUL 0.3-1M (ADDITION)

MADRID 09.2N 126.0E 0627Z 30 JUL 0.3-1M (ADDITION)

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

MANOKWARI 00.8S 134.2E 0730Z 30 JUL 0.3-1M (ADDITION)

WARSA 00.6S 135.8E 0717Z 30 JUL 0.3-1M (ADDITION)

JAYAPURA 02.4S 140.8E 0728Z 30 JUL 0.3-1M (ADDITION)

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0726Z 30 JUL 0.3-1M (ADDITION)

WEWAK 03.5S 143.7E 0737Z 30 JUL 0.3-1M (ADDITION)

MADANG 05.2S 145.8E 0758Z 30 JUL 0.3-1M (ADDITION)

MANUS\_IS. 02.0S 147.5E 0656Z 30 JUL 0.3-1M (ADDITION)

KIMBE 05.6S 150.2E 0751Z 30 JUL 0.3-1M (ADDITION)

RABAUL 04.2S 152.3E 0755Z 30 JUL 0.3-1M (ADDITION)

KAVIENG 02.5S 150.7E 0658Z 30 JUL 0.3-1M (ADDITION)

KIETA 06.1S 155.6E 0746Z 30 JUL 1-3M (ADDITION)

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0802Z 30 JUL 1-3M (REVISION)

GHATERE 07.8S 159.2E 0803Z 30 JUL 0.3-1M (ADDITION)

AUKI 08.8S 160.6E 0816Z 30 JUL 0.3-1M (ADDITION)

KIRAKIRA 10.4S 161.9E 0821Z 30 JUL 1-3M (ADDITION)

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0432Z 30 JUL 0.3-1M (ADDITION)

GUAM 13.4N 144.7E 0453Z 30 JUL 0.3-1M (ADDITION)

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0612Z 30 JUL 0.3-1M (ADDITION)

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

POHNPEI\_IS. 07.0N 158.2E 0525Z 30 JUL 0.3-1M (ADDITION)

KOSRAE\_IS. 05.5N 163.0E 0534Z 30 JUL 1-3M (ADDITION)

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0448Z 30 JUL 0.3-1M (ADDITION)

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

ALOTAU 10.3S 150.4E 0918Z 30 JUL 0.3-1M (ADDITION)

AMUN 06.0S 154.7E 0753Z 30 JUL 0.3-1M (ADDITION)

HONIARA 09.3S 160.0E 0855Z 30 JUL 0.3-1M (ADDITION)

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 003

ISSUED BY NWPTAC(JMA)

ISSUED AT 0119Z 30 JUL 2025

HYPOCENTRAL PARAMETERS (REVISION)

ORIGIN TIME:2325Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7 (MW)

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

COASTS OF EAST CHINA SEA (ADDITION)

TAIWAN (ADDITION)

EAST COASTS OF PHILIPPINES

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0026Z 30 JUL 1-3M (REVISION)

UST\_KAMCHATSK 56.1N 162.6E 0000Z 30 JUL 3-5M (REVISION)

PETROPAVLOVSK\_K 53.2N 159.6E 2325Z 29 JUL OVER10M (REVISION)

NIKOLSKOYA 55.1N 165.7E 2352Z 29 JUL 3-5M (REVISION)

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2325Z 29 JUL 5-10M (REVISION)

URUP\_IS. 46.1N 150.5E 0025Z 30 JUL 1-3M (REVISION)

COASTS OF EAST CHINA SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

SHANGHAI 31.2N 122.3E 0949Z 30 JUL 0.3-1M (ADDITION)

TAIWAN

LOCATION COORDINATES ARRIVAL TIME AMPL

TAITUNG 22.7N 121.2E 0540Z 30 JUL 0.3-1M (ADDITION)

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

BASCO 20.4N 122.0E 0545Z 30 JUL 0.3-1M (ADDITION)

PALANAN 17.2N 122.6E 0550Z 30 JUL 0.3-1M (ADDITION)

LEGASPI 13.2N 123.8E 0607Z 30 JUL 0.3-1M (REVISION)

LAOANG 12.6N 125.0E 0602Z 30 JUL 0.3-1M (ADDITION)

MADRID 09.2N 126.0E 0615Z 30 JUL 0.3-1M (REVISION)

DAVAO 06.9N 125.7E 0701Z 30 JUL 0.3-1M (ADDITION)

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

BEREBERE 02.5N 128.7E 0658Z 30 JUL 0.3-1M (ADDITION)

PATANI 00.4N 128.8E 0727Z 30 JUL 0.3-1M (ADDITION)

SORONG 00.8S 131.1E 0733Z 30 JUL 0.3-1M (ADDITION)

MANOKWARI 00.8S 134.2E 0722Z 30 JUL 1-3M (REVISION)

WARSA 00.6S 135.8E 0709Z 30 JUL 1-3M (REVISION)

JAYAPURA 02.4S 140.8E 0720Z 30 JUL 1-3M (REVISION)

GEME 04.6N 126.8E 0647Z 30 JUL 0.3-1M (ADDITION)

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0719Z 30 JUL 1-3M (REVISION)

WEWAK 03.5S 143.7E 0730Z 30 JUL 1-3M (REVISION)

MADANG 05.2S 145.8E 0751Z 30 JUL 1-3M (REVISION)

MANUS\_IS. 02.0S 147.5E 0651Z 30 JUL 1-3M (REVISION)

KIMBE 05.6S 150.2E 0744Z 30 JUL 1-3M (REVISION)

ULAMONA 05.0S 151.3E 0742Z 30 JUL 0.3-1M (ADDITION)

RABAUL 04.2S 152.3E 0749Z 30 JUL 0.3-1M (REVISION)

KAVIENG 02.5S 150.7E 0653Z 30 JUL 1-3M (REVISION)

KIETA 06.1S 155.6E 0739Z 30 JUL 3-5M (REVISION)

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0754Z 30 JUL 3-5M (REVISION)

GHATERE 07.8S 159.2E 0758Z 30 JUL 1-3M (REVISION)

AUKI 08.8S 160.6E 0814Z 30 JUL 1-3M (REVISION)

KIRAKIRA 10.4S 161.9E 0817Z 30 JUL 1-3M (REVISION)

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0424Z 30 JUL 1-3M (REVISION)

GUAM 13.4N 144.7E 0445Z 30 JUL 1-3M (REVISION)

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0605Z 30 JUL 1-3M (REVISION)

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

YAP\_IS. 09.5N 138.1E 0534Z 30 JUL 0.3-1M (ADDITION)

POHNPEI\_IS. 07.0N 158.2E 0518Z 30 JUL 1-3M (REVISION)

KOSRAE\_IS. 05.5N 163.0E 0530Z 30 JUL 1-3M (REVISION)

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0446Z 30 JUL 1-3M (REVISION)

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

LAE 06.8S 147.0E 0838Z 30 JUL 0.3-1M (ADDITION)

ALOTAU 10.3S 150.4E 0909Z 30 JUL 0.3-1M (REVISION)

AMUN 06.0S 154.7E 0749Z 30 JUL 1-3M (REVISION)

HONIARA 09.3S 160.0E 0849Z 30 JUL 0.3-1M (REVISION)

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 004

ISSUED BY NWPTAC(JMA)

ISSUED AT 0144Z 30 JUL 2025

HYPOCENTRAL PARAMETERS

ORIGIN TIME:2325Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7 (MW)

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

COASTS OF EAST CHINA SEA

TAIWAN

EAST COASTS OF PHILIPPINES

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0026Z 30 JUL 1-3M

UST\_KAMCHATSK 56.1N 162.6E 0000Z 30 JUL 3-5M

PETROPAVLOVSK\_K 53.2N 159.6E 2325Z 29 JUL OVER10M

NIKOLSKOYA 55.1N 165.7E 2352Z 29 JUL 3-5M

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2325Z 29 JUL 5-10M

URUP\_IS. 46.1N 150.5E 0025Z 30 JUL 1-3M

COASTS OF EAST CHINA SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

SHANGHAI 31.2N 122.3E 0949Z 30 JUL 0.3-1M

TAIWAN

LOCATION COORDINATES ARRIVAL TIME AMPL

TAITUNG 22.7N 121.2E 0540Z 30 JUL 0.3-1M

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

BASCO 20.4N 122.0E 0545Z 30 JUL 0.3-1M

PALANAN 17.2N 122.6E 0550Z 30 JUL 0.3-1M

LEGASPI 13.2N 123.8E 0607Z 30 JUL 0.3-1M

LAOANG 12.6N 125.0E 0602Z 30 JUL 0.3-1M

MADRID 09.2N 126.0E 0615Z 30 JUL 0.3-1M

DAVAO 06.9N 125.7E 0701Z 30 JUL 0.3-1M

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

BEREBERE 02.5N 128.7E 0658Z 30 JUL 0.3-1M

PATANI 00.4N 128.8E 0727Z 30 JUL 0.3-1M

SORONG 00.8S 131.1E 0733Z 30 JUL 0.3-1M

MANOKWARI 00.8S 134.2E 0722Z 30 JUL 1-3M

WARSA 00.6S 135.8E 0709Z 30 JUL 1-3M

JAYAPURA 02.4S 140.8E 0720Z 30 JUL 1-3M

GEME 04.6N 126.8E 0647Z 30 JUL 0.3-1M

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0719Z 30 JUL 1-3M

WEWAK 03.5S 143.7E 0730Z 30 JUL 1-3M

MADANG 05.2S 145.8E 0751Z 30 JUL 1-3M

MANUS\_IS. 02.0S 147.5E 0651Z 30 JUL 1-3M

KIMBE 05.6S 150.2E 0744Z 30 JUL 1-3M

ULAMONA 05.0S 151.3E 0742Z 30 JUL 0.3-1M

RABAUL 04.2S 152.3E 0749Z 30 JUL 0.3-1M

KAVIENG 02.5S 150.7E 0653Z 30 JUL 1-3M

KIETA 06.1S 155.6E 0739Z 30 JUL 3-5M

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0754Z 30 JUL 3-5M

GHATERE 07.8S 159.2E 0758Z 30 JUL 1-3M

AUKI 08.8S 160.6E 0814Z 30 JUL 1-3M

KIRAKIRA 10.4S 161.9E 0817Z 30 JUL 1-3M

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0424Z 30 JUL 1-3M

GUAM 13.4N 144.7E 0445Z 30 JUL 1-3M

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0605Z 30 JUL 1-3M

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

YAP\_IS. 09.5N 138.1E 0534Z 30 JUL 0.3-1M

POHNPEI\_IS. 07.0N 158.2E 0518Z 30 JUL 1-3M

KOSRAE\_IS. 05.5N 163.0E 0530Z 30 JUL 1-3M

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0446Z 30 JUL 1-3M

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

LAE 06.8S 147.0E 0838Z 30 JUL 0.3-1M

ALOTAU 10.3S 150.4E 0909Z 30 JUL 0.3-1M

AMUN 06.0S 154.7E 0749Z 30 JUL 1-3M

HONIARA 09.3S 160.0E 0849Z 30 JUL 0.3-1M

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

MEASUREMENTS OR REPORTS OF TSUNAMI

LOCATION COORDINATES ARRIVAL TIME AMPL

HANASAKI 43.3N 145.6E

MAXIMUM TSUNAMI WAVE 0130Z 30 JUL 0.3M

MAXIMUM TSUNAMI WAVE - HALF THE AMPLITUDE FROM THE TROUGH

TO THE CREST

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 005

ISSUED BY NWPTAC(JMA)

ISSUED AT 0218Z 30 JUL 2025

HYPOCENTRAL PARAMETERS

ORIGIN TIME:2325Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7 (MW)

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

COASTS OF EAST CHINA SEA

TAIWAN

EAST COASTS OF PHILIPPINES

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0026Z 30 JUL 1-3M

UST\_KAMCHATSK 56.1N 162.6E 0000Z 30 JUL 3-5M

PETROPAVLOVSK\_K 53.2N 159.6E 2325Z 29 JUL OVER10M

NIKOLSKOYA 55.1N 165.7E 2352Z 29 JUL 3-5M

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2325Z 29 JUL 5-10M

URUP\_IS. 46.1N 150.5E 0025Z 30 JUL 1-3M

COASTS OF EAST CHINA SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

SHANGHAI 31.2N 122.3E 0949Z 30 JUL 0.3-1M

TAIWAN

LOCATION COORDINATES ARRIVAL TIME AMPL

TAITUNG 22.7N 121.2E 0540Z 30 JUL 0.3-1M

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

BASCO 20.4N 122.0E 0545Z 30 JUL 0.3-1M

PALANAN 17.2N 122.6E 0550Z 30 JUL 0.3-1M

LEGASPI 13.2N 123.8E 0607Z 30 JUL 0.3-1M

LAOANG 12.6N 125.0E 0602Z 30 JUL 0.3-1M

MADRID 09.2N 126.0E 0615Z 30 JUL 0.3-1M

DAVAO 06.9N 125.7E 0701Z 30 JUL 0.3-1M

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

BEREBERE 02.5N 128.7E 0658Z 30 JUL 0.3-1M

PATANI 00.4N 128.8E 0727Z 30 JUL 0.3-1M

SORONG 00.8S 131.1E 0733Z 30 JUL 0.3-1M

MANOKWARI 00.8S 134.2E 0722Z 30 JUL 1-3M

WARSA 00.6S 135.8E 0709Z 30 JUL 1-3M

JAYAPURA 02.4S 140.8E 0720Z 30 JUL 1-3M

GEME 04.6N 126.8E 0647Z 30 JUL 0.3-1M

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0719Z 30 JUL 1-3M

WEWAK 03.5S 143.7E 0730Z 30 JUL 1-3M

MADANG 05.2S 145.8E 0751Z 30 JUL 1-3M

MANUS\_IS. 02.0S 147.5E 0651Z 30 JUL 1-3M

KIMBE 05.6S 150.2E 0744Z 30 JUL 1-3M

ULAMONA 05.0S 151.3E 0742Z 30 JUL 0.3-1M

RABAUL 04.2S 152.3E 0749Z 30 JUL 0.3-1M

KAVIENG 02.5S 150.7E 0653Z 30 JUL 1-3M

KIETA 06.1S 155.6E 0739Z 30 JUL 3-5M

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0754Z 30 JUL 3-5M

GHATERE 07.8S 159.2E 0758Z 30 JUL 1-3M

AUKI 08.8S 160.6E 0814Z 30 JUL 1-3M

KIRAKIRA 10.4S 161.9E 0817Z 30 JUL 1-3M

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0424Z 30 JUL 1-3M

GUAM 13.4N 144.7E 0445Z 30 JUL 1-3M

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0605Z 30 JUL 1-3M

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

YAP\_IS. 09.5N 138.1E 0534Z 30 JUL 0.3-1M

POHNPEI\_IS. 07.0N 158.2E 0518Z 30 JUL 1-3M

KOSRAE\_IS. 05.5N 163.0E 0530Z 30 JUL 1-3M

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0446Z 30 JUL 1-3M

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

LAE 06.8S 147.0E 0838Z 30 JUL 0.3-1M

ALOTAU 10.3S 150.4E 0909Z 30 JUL 0.3-1M

AMUN 06.0S 154.7E 0749Z 30 JUL 1-3M

HONIARA 09.3S 160.0E 0849Z 30 JUL 0.3-1M

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

MEASUREMENTS OR REPORTS OF TSUNAMI (REVISION)

LOCATION COORDINATES ARRIVAL TIME AMPL

HANASAKI 43.3N 145.6E

MAXIMUM TSUNAMI WAVE 0130Z 30 JUL 0.3M

OFUNATO 39.0N 141.8E

MAXIMUM TSUNAMI WAVE 0207Z 30 JUL 0.3M

MAXIMUM TSUNAMI WAVE - HALF THE AMPLITUDE FROM THE TROUGH

TO THE CREST

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 006

ISSUED BY NWPTAC(JMA)

ISSUED AT 0255Z 30 JUL 2025

HYPOCENTRAL PARAMETERS

ORIGIN TIME:2325Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7 (MW)

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

COASTS OF EAST CHINA SEA

TAIWAN

EAST COASTS OF PHILIPPINES

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0026Z 30 JUL 1-3M

UST\_KAMCHATSK 56.1N 162.6E 0000Z 30 JUL 3-5M

PETROPAVLOVSK\_K 53.2N 159.6E 2325Z 29 JUL OVER10M

NIKOLSKOYA 55.1N 165.7E 2352Z 29 JUL 3-5M

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2325Z 29 JUL 5-10M

URUP\_IS. 46.1N 150.5E 0025Z 30 JUL 1-3M

COASTS OF EAST CHINA SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

SHANGHAI 31.2N 122.3E 0949Z 30 JUL 0.3-1M

TAIWAN

LOCATION COORDINATES ARRIVAL TIME AMPL

TAITUNG 22.7N 121.2E 0540Z 30 JUL 0.3-1M

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

BASCO 20.4N 122.0E 0545Z 30 JUL 0.3-1M

PALANAN 17.2N 122.6E 0550Z 30 JUL 0.3-1M

LEGASPI 13.2N 123.8E 0607Z 30 JUL 0.3-1M

LAOANG 12.6N 125.0E 0602Z 30 JUL 0.3-1M

MADRID 09.2N 126.0E 0615Z 30 JUL 0.3-1M

DAVAO 06.9N 125.7E 0701Z 30 JUL 0.3-1M

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

BEREBERE 02.5N 128.7E 0658Z 30 JUL 0.3-1M

PATANI 00.4N 128.8E 0727Z 30 JUL 0.3-1M

SORONG 00.8S 131.1E 0733Z 30 JUL 0.3-1M

MANOKWARI 00.8S 134.2E 0722Z 30 JUL 1-3M

WARSA 00.6S 135.8E 0709Z 30 JUL 1-3M

JAYAPURA 02.4S 140.8E 0720Z 30 JUL 1-3M

GEME 04.6N 126.8E 0647Z 30 JUL 0.3-1M

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0719Z 30 JUL 1-3M

WEWAK 03.5S 143.7E 0730Z 30 JUL 1-3M

MADANG 05.2S 145.8E 0751Z 30 JUL 1-3M

MANUS\_IS. 02.0S 147.5E 0651Z 30 JUL 1-3M

KIMBE 05.6S 150.2E 0744Z 30 JUL 1-3M

ULAMONA 05.0S 151.3E 0742Z 30 JUL 0.3-1M

RABAUL 04.2S 152.3E 0749Z 30 JUL 0.3-1M

KAVIENG 02.5S 150.7E 0653Z 30 JUL 1-3M

KIETA 06.1S 155.6E 0739Z 30 JUL 3-5M

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0754Z 30 JUL 3-5M

GHATERE 07.8S 159.2E 0758Z 30 JUL 1-3M

AUKI 08.8S 160.6E 0814Z 30 JUL 1-3M

KIRAKIRA 10.4S 161.9E 0817Z 30 JUL 1-3M

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0424Z 30 JUL 1-3M

GUAM 13.4N 144.7E 0445Z 30 JUL 1-3M

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0605Z 30 JUL 1-3M

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

YAP\_IS. 09.5N 138.1E 0534Z 30 JUL 0.3-1M

POHNPEI\_IS. 07.0N 158.2E 0518Z 30 JUL 1-3M

KOSRAE\_IS. 05.5N 163.0E 0530Z 30 JUL 1-3M

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0446Z 30 JUL 1-3M

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

LAE 06.8S 147.0E 0838Z 30 JUL 0.3-1M

ALOTAU 10.3S 150.4E 0909Z 30 JUL 0.3-1M

AMUN 06.0S 154.7E 0749Z 30 JUL 1-3M

HONIARA 09.3S 160.0E 0849Z 30 JUL 0.3-1M

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

MEASUREMENTS OR REPORTS OF TSUNAMI (REVISION)

LOCATION COORDINATES ARRIVAL TIME AMPL

CHOSHI 35.7N 140.9E

MAXIMUM TSUNAMI WAVE 0224Z 30 JUL 0.2M

HANASAKI 43.3N 145.6E

MAXIMUM TSUNAMI WAVE 0130Z 30 JUL 0.3M

OFUNATO 39.0N 141.8E

MAXIMUM TSUNAMI WAVE 0207Z 30 JUL 0.3M

MAXIMUM TSUNAMI WAVE - HALF THE AMPLITUDE FROM THE TROUGH

TO THE CREST

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 007

ISSUED BY NWPTAC(JMA)

ISSUED AT 0351Z 30 JUL 2025

HYPOCENTRAL PARAMETERS

ORIGIN TIME:2325Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7 (MW)

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

COASTS OF EAST CHINA SEA

TAIWAN

EAST COASTS OF PHILIPPINES

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0026Z 30 JUL 1-3M

UST\_KAMCHATSK 56.1N 162.6E 0000Z 30 JUL 3-5M

PETROPAVLOVSK\_K 53.2N 159.6E 2325Z 29 JUL OVER10M

NIKOLSKOYA 55.1N 165.7E 2352Z 29 JUL 3-5M

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2325Z 29 JUL 5-10M

URUP\_IS. 46.1N 150.5E 0025Z 30 JUL 1-3M

COASTS OF EAST CHINA SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

SHANGHAI 31.2N 122.3E 0949Z 30 JUL 0.3-1M

TAIWAN

LOCATION COORDINATES ARRIVAL TIME AMPL

TAITUNG 22.7N 121.2E 0540Z 30 JUL 0.3-1M

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

BASCO 20.4N 122.0E 0545Z 30 JUL 0.3-1M

PALANAN 17.2N 122.6E 0550Z 30 JUL 0.3-1M

LEGASPI 13.2N 123.8E 0607Z 30 JUL 0.3-1M

LAOANG 12.6N 125.0E 0602Z 30 JUL 0.3-1M

MADRID 09.2N 126.0E 0615Z 30 JUL 0.3-1M

DAVAO 06.9N 125.7E 0701Z 30 JUL 0.3-1M

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

BEREBERE 02.5N 128.7E 0658Z 30 JUL 0.3-1M

PATANI 00.4N 128.8E 0727Z 30 JUL 0.3-1M

SORONG 00.8S 131.1E 0733Z 30 JUL 0.3-1M

MANOKWARI 00.8S 134.2E 0722Z 30 JUL 1-3M

WARSA 00.6S 135.8E 0709Z 30 JUL 1-3M

JAYAPURA 02.4S 140.8E 0720Z 30 JUL 1-3M

GEME 04.6N 126.8E 0647Z 30 JUL 0.3-1M

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0719Z 30 JUL 1-3M

WEWAK 03.5S 143.7E 0730Z 30 JUL 1-3M

MADANG 05.2S 145.8E 0751Z 30 JUL 1-3M

MANUS\_IS. 02.0S 147.5E 0651Z 30 JUL 1-3M

KIMBE 05.6S 150.2E 0744Z 30 JUL 1-3M

ULAMONA 05.0S 151.3E 0742Z 30 JUL 0.3-1M

RABAUL 04.2S 152.3E 0749Z 30 JUL 0.3-1M

KAVIENG 02.5S 150.7E 0653Z 30 JUL 1-3M

KIETA 06.1S 155.6E 0739Z 30 JUL 3-5M

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0754Z 30 JUL 3-5M

GHATERE 07.8S 159.2E 0758Z 30 JUL 1-3M

AUKI 08.8S 160.6E 0814Z 30 JUL 1-3M

KIRAKIRA 10.4S 161.9E 0817Z 30 JUL 1-3M

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0424Z 30 JUL 1-3M

GUAM 13.4N 144.7E 0445Z 30 JUL 1-3M

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0605Z 30 JUL 1-3M

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

YAP\_IS. 09.5N 138.1E 0534Z 30 JUL 0.3-1M

POHNPEI\_IS. 07.0N 158.2E 0518Z 30 JUL 1-3M

KOSRAE\_IS. 05.5N 163.0E 0530Z 30 JUL 1-3M

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0446Z 30 JUL 1-3M

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

LAE 06.8S 147.0E 0838Z 30 JUL 0.3-1M

ALOTAU 10.3S 150.4E 0909Z 30 JUL 0.3-1M

AMUN 06.0S 154.7E 0749Z 30 JUL 1-3M

HONIARA 09.3S 160.0E 0849Z 30 JUL 0.3-1M

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

MEASUREMENTS OR REPORTS OF TSUNAMI (REVISION)

LOCATION COORDINATES ARRIVAL TIME AMPL

CHOSHI 35.7N 140.9E

MAXIMUM TSUNAMI WAVE 0224Z 30 JUL 0.2M

HANASAKI 43.3N 145.6E

MAXIMUM TSUNAMI WAVE 0130Z 30 JUL 0.3M

OFUNATO 39.0N 141.8E

MAXIMUM TSUNAMI WAVE 0207Z 30 JUL 0.3M

OMAEZAKI 34.6N 138.2E

MAXIMUM TSUNAMI WAVE 0306Z 30 JUL 0.1M

MAXIMUM TSUNAMI WAVE - HALF THE AMPLITUDE FROM THE TROUGH

TO THE CREST

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 008

ISSUED BY NWPTAC(JMA)

ISSUED AT 0443Z 30 JUL 2025

HYPOCENTRAL PARAMETERS

ORIGIN TIME:2325Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7 (MW)

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

COASTS OF EAST CHINA SEA

TAIWAN

EAST COASTS OF PHILIPPINES

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0026Z 30 JUL 1-3M

UST\_KAMCHATSK 56.1N 162.6E 0000Z 30 JUL 3-5M

PETROPAVLOVSK\_K 53.2N 159.6E 2325Z 29 JUL OVER10M

NIKOLSKOYA 55.1N 165.7E 2352Z 29 JUL 3-5M

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2325Z 29 JUL 5-10M

URUP\_IS. 46.1N 150.5E 0025Z 30 JUL 1-3M

COASTS OF EAST CHINA SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

SHANGHAI 31.2N 122.3E 0949Z 30 JUL 0.3-1M

TAIWAN

LOCATION COORDINATES ARRIVAL TIME AMPL

TAITUNG 22.7N 121.2E 0540Z 30 JUL 0.3-1M

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

BASCO 20.4N 122.0E 0545Z 30 JUL 0.3-1M

PALANAN 17.2N 122.6E 0550Z 30 JUL 0.3-1M

LEGASPI 13.2N 123.8E 0607Z 30 JUL 0.3-1M

LAOANG 12.6N 125.0E 0602Z 30 JUL 0.3-1M

MADRID 09.2N 126.0E 0615Z 30 JUL 0.3-1M

DAVAO 06.9N 125.7E 0701Z 30 JUL 0.3-1M

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

BEREBERE 02.5N 128.7E 0658Z 30 JUL 0.3-1M

PATANI 00.4N 128.8E 0727Z 30 JUL 0.3-1M

SORONG 00.8S 131.1E 0733Z 30 JUL 0.3-1M

MANOKWARI 00.8S 134.2E 0722Z 30 JUL 1-3M

WARSA 00.6S 135.8E 0709Z 30 JUL 1-3M

JAYAPURA 02.4S 140.8E 0720Z 30 JUL 1-3M

GEME 04.6N 126.8E 0647Z 30 JUL 0.3-1M

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0719Z 30 JUL 1-3M

WEWAK 03.5S 143.7E 0730Z 30 JUL 1-3M

MADANG 05.2S 145.8E 0751Z 30 JUL 1-3M

MANUS\_IS. 02.0S 147.5E 0651Z 30 JUL 1-3M

KIMBE 05.6S 150.2E 0744Z 30 JUL 1-3M

ULAMONA 05.0S 151.3E 0742Z 30 JUL 0.3-1M

RABAUL 04.2S 152.3E 0749Z 30 JUL 0.3-1M

KAVIENG 02.5S 150.7E 0653Z 30 JUL 1-3M

KIETA 06.1S 155.6E 0739Z 30 JUL 3-5M

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0754Z 30 JUL 3-5M

GHATERE 07.8S 159.2E 0758Z 30 JUL 1-3M

AUKI 08.8S 160.6E 0814Z 30 JUL 1-3M

KIRAKIRA 10.4S 161.9E 0817Z 30 JUL 1-3M

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0424Z 30 JUL 1-3M

GUAM 13.4N 144.7E 0445Z 30 JUL 1-3M

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0605Z 30 JUL 1-3M

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

YAP\_IS. 09.5N 138.1E 0534Z 30 JUL 0.3-1M

POHNPEI\_IS. 07.0N 158.2E 0518Z 30 JUL 1-3M

KOSRAE\_IS. 05.5N 163.0E 0530Z 30 JUL 1-3M

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0446Z 30 JUL 1-3M

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

LAE 06.8S 147.0E 0838Z 30 JUL 0.3-1M

ALOTAU 10.3S 150.4E 0909Z 30 JUL 0.3-1M

AMUN 06.0S 154.7E 0749Z 30 JUL 1-3M

HONIARA 09.3S 160.0E 0849Z 30 JUL 0.3-1M

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

MEASUREMENTS OR REPORTS OF TSUNAMI (REVISION)

LOCATION COORDINATES ARRIVAL TIME AMPL

CHOSHI 35.7N 140.9E

MAXIMUM TSUNAMI WAVE 0423Z 30 JUL 0.3M

HANASAKI 43.3N 145.6E

MAXIMUM TSUNAMI WAVE 0338Z 30 JUL 0.3M

OFUNATO 39.0N 141.8E

MAXIMUM TSUNAMI WAVE 0207Z 30 JUL 0.3M

OMAEZAKI 34.6N 138.2E

MAXIMUM TSUNAMI WAVE 0306Z 30 JUL 0.1M

TOSASHIMIZU 32.8N 133.0E

MAXIMUM TSUNAMI WAVE 0401Z 30 JUL 0.2M

MAXIMUM TSUNAMI WAVE - HALF THE AMPLITUDE FROM THE TROUGH

TO THE CREST

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 009

ISSUED BY NWPTAC(JMA)

ISSUED AT 0539Z 30 JUL 2025

HYPOCENTRAL PARAMETERS

ORIGIN TIME:2325Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7 (MW)

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

COASTS OF EAST CHINA SEA

TAIWAN

EAST COASTS OF PHILIPPINES

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0026Z 30 JUL 1-3M

UST\_KAMCHATSK 56.1N 162.6E 0000Z 30 JUL 3-5M

PETROPAVLOVSK\_K 53.2N 159.6E 2325Z 29 JUL OVER10M

NIKOLSKOYA 55.1N 165.7E 2352Z 29 JUL 3-5M

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2325Z 29 JUL 5-10M

URUP\_IS. 46.1N 150.5E 0025Z 30 JUL 1-3M

COASTS OF EAST CHINA SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

SHANGHAI 31.2N 122.3E 0949Z 30 JUL 0.3-1M

TAIWAN

LOCATION COORDINATES ARRIVAL TIME AMPL

TAITUNG 22.7N 121.2E 0540Z 30 JUL 0.3-1M

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

BASCO 20.4N 122.0E 0545Z 30 JUL 0.3-1M

PALANAN 17.2N 122.6E 0550Z 30 JUL 0.3-1M

LEGASPI 13.2N 123.8E 0607Z 30 JUL 0.3-1M

LAOANG 12.6N 125.0E 0602Z 30 JUL 0.3-1M

MADRID 09.2N 126.0E 0615Z 30 JUL 0.3-1M

DAVAO 06.9N 125.7E 0701Z 30 JUL 0.3-1M

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

BEREBERE 02.5N 128.7E 0658Z 30 JUL 0.3-1M

PATANI 00.4N 128.8E 0727Z 30 JUL 0.3-1M

SORONG 00.8S 131.1E 0733Z 30 JUL 0.3-1M

MANOKWARI 00.8S 134.2E 0722Z 30 JUL 1-3M

WARSA 00.6S 135.8E 0709Z 30 JUL 1-3M

JAYAPURA 02.4S 140.8E 0720Z 30 JUL 1-3M

GEME 04.6N 126.8E 0647Z 30 JUL 0.3-1M

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0719Z 30 JUL 1-3M

WEWAK 03.5S 143.7E 0730Z 30 JUL 1-3M

MADANG 05.2S 145.8E 0751Z 30 JUL 1-3M

MANUS\_IS. 02.0S 147.5E 0651Z 30 JUL 1-3M

KIMBE 05.6S 150.2E 0744Z 30 JUL 1-3M

ULAMONA 05.0S 151.3E 0742Z 30 JUL 0.3-1M

RABAUL 04.2S 152.3E 0749Z 30 JUL 0.3-1M

KAVIENG 02.5S 150.7E 0653Z 30 JUL 1-3M

KIETA 06.1S 155.6E 0739Z 30 JUL 3-5M

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0754Z 30 JUL 3-5M

GHATERE 07.8S 159.2E 0758Z 30 JUL 1-3M

AUKI 08.8S 160.6E 0814Z 30 JUL 1-3M

KIRAKIRA 10.4S 161.9E 0817Z 30 JUL 1-3M

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0424Z 30 JUL 1-3M

GUAM 13.4N 144.7E 0445Z 30 JUL 1-3M

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0605Z 30 JUL 1-3M

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

YAP\_IS. 09.5N 138.1E 0534Z 30 JUL 0.3-1M

POHNPEI\_IS. 07.0N 158.2E 0518Z 30 JUL 1-3M

KOSRAE\_IS. 05.5N 163.0E 0530Z 30 JUL 1-3M

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0446Z 30 JUL 1-3M

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

LAE 06.8S 147.0E 0838Z 30 JUL 0.3-1M

ALOTAU 10.3S 150.4E 0909Z 30 JUL 0.3-1M

AMUN 06.0S 154.7E 0749Z 30 JUL 1-3M

HONIARA 09.3S 160.0E 0849Z 30 JUL 0.3-1M

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

MEASUREMENTS OR REPORTS OF TSUNAMI (REVISION)

LOCATION COORDINATES ARRIVAL TIME AMPL

SEKINEHAMA 41.4N 141.2E

MAXIMUM TSUNAMI WAVE 0445Z 30 JUL 0.3M

CHOSHI 35.7N 140.9E

MAXIMUM TSUNAMI WAVE 0423Z 30 JUL 0.3M

HANASAKI 43.3N 145.6E

MAXIMUM TSUNAMI WAVE 0444Z 30 JUL 0.4M

OFUNATO 39.0N 141.8E

MAXIMUM TSUNAMI WAVE 0207Z 30 JUL 0.3M

OMAEZAKI 34.6N 138.2E

MAXIMUM TSUNAMI WAVE 0306Z 30 JUL 0.1M

TOSASHIMIZU 32.8N 133.0E

MAXIMUM TSUNAMI WAVE 0401Z 30 JUL 0.2M

MAXIMUM TSUNAMI WAVE - HALF THE AMPLITUDE FROM THE TROUGH

TO THE CREST

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 010

ISSUED BY NWPTAC(JMA)

ISSUED AT 0810Z 30 JUL 2025

HYPOCENTRAL PARAMETERS

ORIGIN TIME:2325Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7 (MW)

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

COASTS OF EAST CHINA SEA

TAIWAN

EAST COASTS OF PHILIPPINES

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0026Z 30 JUL 1-3M

UST\_KAMCHATSK 56.1N 162.6E 0000Z 30 JUL 3-5M

PETROPAVLOVSK\_K 53.2N 159.6E 2325Z 29 JUL OVER10M

NIKOLSKOYA 55.1N 165.7E 2352Z 29 JUL 3-5M

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2325Z 29 JUL 5-10M

URUP\_IS. 46.1N 150.5E 0025Z 30 JUL 1-3M

COASTS OF EAST CHINA SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

SHANGHAI 31.2N 122.3E 0949Z 30 JUL 0.3-1M

TAIWAN

LOCATION COORDINATES ARRIVAL TIME AMPL

TAITUNG 22.7N 121.2E 0540Z 30 JUL 0.3-1M

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

BASCO 20.4N 122.0E 0545Z 30 JUL 0.3-1M

PALANAN 17.2N 122.6E 0550Z 30 JUL 0.3-1M

LEGASPI 13.2N 123.8E 0607Z 30 JUL 0.3-1M

LAOANG 12.6N 125.0E 0602Z 30 JUL 0.3-1M

MADRID 09.2N 126.0E 0615Z 30 JUL 0.3-1M

DAVAO 06.9N 125.7E 0701Z 30 JUL 0.3-1M

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

BEREBERE 02.5N 128.7E 0658Z 30 JUL 0.3-1M

PATANI 00.4N 128.8E 0727Z 30 JUL 0.3-1M

SORONG 00.8S 131.1E 0733Z 30 JUL 0.3-1M

MANOKWARI 00.8S 134.2E 0722Z 30 JUL 1-3M

WARSA 00.6S 135.8E 0709Z 30 JUL 1-3M

JAYAPURA 02.4S 140.8E 0720Z 30 JUL 1-3M

GEME 04.6N 126.8E 0647Z 30 JUL 0.3-1M

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0719Z 30 JUL 1-3M

WEWAK 03.5S 143.7E 0730Z 30 JUL 1-3M

MADANG 05.2S 145.8E 0751Z 30 JUL 1-3M

MANUS\_IS. 02.0S 147.5E 0651Z 30 JUL 1-3M

KIMBE 05.6S 150.2E 0744Z 30 JUL 1-3M

ULAMONA 05.0S 151.3E 0742Z 30 JUL 0.3-1M

RABAUL 04.2S 152.3E 0749Z 30 JUL 0.3-1M

KAVIENG 02.5S 150.7E 0653Z 30 JUL 1-3M

KIETA 06.1S 155.6E 0739Z 30 JUL 3-5M

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0754Z 30 JUL 3-5M

GHATERE 07.8S 159.2E 0758Z 30 JUL 1-3M

AUKI 08.8S 160.6E 0814Z 30 JUL 1-3M

KIRAKIRA 10.4S 161.9E 0817Z 30 JUL 1-3M

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0424Z 30 JUL 1-3M

GUAM 13.4N 144.7E 0445Z 30 JUL 1-3M

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0605Z 30 JUL 1-3M

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

YAP\_IS. 09.5N 138.1E 0534Z 30 JUL 0.3-1M

POHNPEI\_IS. 07.0N 158.2E 0518Z 30 JUL 1-3M

KOSRAE\_IS. 05.5N 163.0E 0530Z 30 JUL 1-3M

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0446Z 30 JUL 1-3M

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

LAE 06.8S 147.0E 0838Z 30 JUL 0.3-1M

ALOTAU 10.3S 150.4E 0909Z 30 JUL 0.3-1M

AMUN 06.0S 154.7E 0749Z 30 JUL 1-3M

HONIARA 09.3S 160.0E 0849Z 30 JUL 0.3-1M

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

MEASUREMENTS OR REPORTS OF TSUNAMI (REVISION)

LOCATION COORDINATES ARRIVAL TIME AMPL

SEKINEHAMA 41.4N 141.2E

MAXIMUM TSUNAMI WAVE 0639Z 30 JUL 0.3M

CHOSHI 35.7N 140.9E

MAXIMUM TSUNAMI WAVE 0423Z 30 JUL 0.3M

HANASAKI 43.3N 145.6E

MAXIMUM TSUNAMI WAVE 0557Z 30 JUL 0.8M

OFUNATO 39.0N 141.8E

MAXIMUM TSUNAMI WAVE 0723Z 30 JUL 0.4M

OMAEZAKI 34.6N 138.2E

MAXIMUM TSUNAMI WAVE 0753Z 30 JUL 0.3M

TOSASHIMIZU 32.8N 133.0E

MAXIMUM TSUNAMI WAVE 0714Z 30 JUL 0.3M

NAHA 26.2N 127.7E

MAXIMUM TSUNAMI WAVE 0807Z 30 JUL 0.1M

MAXIMUM TSUNAMI WAVE - HALF THE AMPLITUDE FROM THE TROUGH

TO THE CREST

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 011

ISSUED BY NWPTAC(JMA)

ISSUED AT 1052Z 30 JUL 2025

HYPOCENTRAL PARAMETERS

ORIGIN TIME:2324Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7 (MW)

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

COASTS OF EAST CHINA SEA

TAIWAN

EAST COASTS OF PHILIPPINES

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0026Z 30 JUL 1-3M

UST\_KAMCHATSK 56.1N 162.6E 0000Z 30 JUL 3-5M

PETROPAVLOVSK\_K 53.2N 159.6E 2325Z 29 JUL OVER10M

NIKOLSKOYA 55.1N 165.7E 2352Z 29 JUL 3-5M

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2325Z 29 JUL 5-10M

URUP\_IS. 46.1N 150.5E 0025Z 30 JUL 1-3M

COASTS OF EAST CHINA SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

SHANGHAI 31.2N 122.3E 0949Z 30 JUL 0.3-1M

TAIWAN

LOCATION COORDINATES ARRIVAL TIME AMPL

TAITUNG 22.7N 121.2E 0540Z 30 JUL 0.3-1M

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

BASCO 20.4N 122.0E 0545Z 30 JUL 0.3-1M

PALANAN 17.2N 122.6E 0550Z 30 JUL 0.3-1M

LEGASPI 13.2N 123.8E 0607Z 30 JUL 0.3-1M

LAOANG 12.6N 125.0E 0602Z 30 JUL 0.3-1M

MADRID 09.2N 126.0E 0615Z 30 JUL 0.3-1M

DAVAO 06.9N 125.7E 0701Z 30 JUL 0.3-1M

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

BEREBERE 02.5N 128.7E 0658Z 30 JUL 0.3-1M

PATANI 00.4N 128.8E 0727Z 30 JUL 0.3-1M

SORONG 00.8S 131.1E 0733Z 30 JUL 0.3-1M

MANOKWARI 00.8S 134.2E 0722Z 30 JUL 1-3M

WARSA 00.6S 135.8E 0709Z 30 JUL 1-3M

JAYAPURA 02.4S 140.8E 0720Z 30 JUL 1-3M

GEME 04.6N 126.8E 0647Z 30 JUL 0.3-1M

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0719Z 30 JUL 1-3M

WEWAK 03.5S 143.7E 0730Z 30 JUL 1-3M

MADANG 05.2S 145.8E 0751Z 30 JUL 1-3M

MANUS\_IS. 02.0S 147.5E 0651Z 30 JUL 1-3M

KIMBE 05.6S 150.2E 0744Z 30 JUL 1-3M

ULAMONA 05.0S 151.3E 0742Z 30 JUL 0.3-1M

RABAUL 04.2S 152.3E 0749Z 30 JUL 0.3-1M

KAVIENG 02.5S 150.7E 0653Z 30 JUL 1-3M

KIETA 06.1S 155.6E 0739Z 30 JUL 3-5M

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0754Z 30 JUL 3-5M

GHATERE 07.8S 159.2E 0758Z 30 JUL 1-3M

AUKI 08.8S 160.6E 0814Z 30 JUL 1-3M

KIRAKIRA 10.4S 161.9E 0817Z 30 JUL 1-3M

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0424Z 30 JUL 1-3M

GUAM 13.4N 144.7E 0445Z 30 JUL 1-3M

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0605Z 30 JUL 1-3M

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

YAP\_IS. 09.5N 138.1E 0534Z 30 JUL 0.3-1M

POHNPEI\_IS. 07.0N 158.2E 0518Z 30 JUL 1-3M

KOSRAE\_IS. 05.5N 163.0E 0530Z 30 JUL 1-3M

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0446Z 30 JUL 1-3M

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

LAE 06.8S 147.0E 0838Z 30 JUL 0.3-1M

ALOTAU 10.3S 150.4E 0909Z 30 JUL 0.3-1M

AMUN 06.0S 154.7E 0749Z 30 JUL 1-3M

HONIARA 09.3S 160.0E 0849Z 30 JUL 0.3-1M

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

MEASUREMENTS OR REPORTS OF TSUNAMI (REVISION)

LOCATION COORDINATES ARRIVAL TIME AMPL

SEKINEHAMA 41.4N 141.2E

MAXIMUM TSUNAMI WAVE 1016Z 30 JUL 0.4M

CHOSHI 35.7N 140.9E

MAXIMUM TSUNAMI WAVE 0423Z 30 JUL 0.3M

HANASAKI 43.3N 145.6E

MAXIMUM TSUNAMI WAVE 0557Z 30 JUL 0.8M

OFUNATO 39.0N 141.8E

MAXIMUM TSUNAMI WAVE 0723Z 30 JUL 0.4M

OMAEZAKI 34.6N 138.2E

MAXIMUM TSUNAMI WAVE 0753Z 30 JUL 0.3M

TOSASHIMIZU 32.8N 133.0E

MAXIMUM TSUNAMI WAVE 0714Z 30 JUL 0.3M

NAHA 26.2N 127.7E

MAXIMUM TSUNAMI WAVE 1030Z 30 JUL 0.1M

MAXIMUM TSUNAMI WAVE - HALF THE AMPLITUDE FROM THE TROUGH

TO THE CREST

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 012

ISSUED BY NWPTAC(JMA)

ISSUED AT 1357Z 30 JUL 2025

HYPOCENTRAL PARAMETERS

ORIGIN TIME:2324Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7 (MW)

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

COASTS OF EAST CHINA SEA

TAIWAN

EAST COASTS OF PHILIPPINES

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0026Z 30 JUL 1-3M

UST\_KAMCHATSK 56.1N 162.6E 0000Z 30 JUL 3-5M

PETROPAVLOVSK\_K 53.2N 159.6E 2325Z 29 JUL OVER10M

NIKOLSKOYA 55.1N 165.7E 2352Z 29 JUL 3-5M

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2325Z 29 JUL 5-10M

URUP\_IS. 46.1N 150.5E 0025Z 30 JUL 1-3M

COASTS OF EAST CHINA SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

SHANGHAI 31.2N 122.3E 0949Z 30 JUL 0.3-1M

TAIWAN

LOCATION COORDINATES ARRIVAL TIME AMPL

TAITUNG 22.7N 121.2E 0540Z 30 JUL 0.3-1M

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

BASCO 20.4N 122.0E 0545Z 30 JUL 0.3-1M

PALANAN 17.2N 122.6E 0550Z 30 JUL 0.3-1M

LEGASPI 13.2N 123.8E 0607Z 30 JUL 0.3-1M

LAOANG 12.6N 125.0E 0602Z 30 JUL 0.3-1M

MADRID 09.2N 126.0E 0615Z 30 JUL 0.3-1M

DAVAO 06.9N 125.7E 0701Z 30 JUL 0.3-1M

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

BEREBERE 02.5N 128.7E 0658Z 30 JUL 0.3-1M

PATANI 00.4N 128.8E 0727Z 30 JUL 0.3-1M

SORONG 00.8S 131.1E 0733Z 30 JUL 0.3-1M

MANOKWARI 00.8S 134.2E 0722Z 30 JUL 1-3M

WARSA 00.6S 135.8E 0709Z 30 JUL 1-3M

JAYAPURA 02.4S 140.8E 0720Z 30 JUL 1-3M

GEME 04.6N 126.8E 0647Z 30 JUL 0.3-1M

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0719Z 30 JUL 1-3M

WEWAK 03.5S 143.7E 0730Z 30 JUL 1-3M

MADANG 05.2S 145.8E 0751Z 30 JUL 1-3M

MANUS\_IS. 02.0S 147.5E 0651Z 30 JUL 1-3M

KIMBE 05.6S 150.2E 0744Z 30 JUL 1-3M

ULAMONA 05.0S 151.3E 0742Z 30 JUL 0.3-1M

RABAUL 04.2S 152.3E 0749Z 30 JUL 0.3-1M

KAVIENG 02.5S 150.7E 0653Z 30 JUL 1-3M

KIETA 06.1S 155.6E 0739Z 30 JUL 3-5M

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0754Z 30 JUL 3-5M

GHATERE 07.8S 159.2E 0758Z 30 JUL 1-3M

AUKI 08.8S 160.6E 0814Z 30 JUL 1-3M

KIRAKIRA 10.4S 161.9E 0817Z 30 JUL 1-3M

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0424Z 30 JUL 1-3M

GUAM 13.4N 144.7E 0445Z 30 JUL 1-3M

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0605Z 30 JUL 1-3M

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

YAP\_IS. 09.5N 138.1E 0534Z 30 JUL 0.3-1M

POHNPEI\_IS. 07.0N 158.2E 0518Z 30 JUL 1-3M

KOSRAE\_IS. 05.5N 163.0E 0530Z 30 JUL 1-3M

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0446Z 30 JUL 1-3M

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

LAE 06.8S 147.0E 0838Z 30 JUL 0.3-1M

ALOTAU 10.3S 150.4E 0909Z 30 JUL 0.3-1M

AMUN 06.0S 154.7E 0749Z 30 JUL 1-3M

HONIARA 09.3S 160.0E 0849Z 30 JUL 0.3-1M

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

MEASUREMENTS OR REPORTS OF TSUNAMI (REVISION)

LOCATION COORDINATES ARRIVAL TIME AMPL

SEKINEHAMA 41.4N 141.2E

MAXIMUM TSUNAMI WAVE 1016Z 30 JUL 0.4M

CHOSHI 35.7N 140.9E

MAXIMUM TSUNAMI WAVE 0423Z 30 JUL 0.3M

HANASAKI 43.3N 145.6E

MAXIMUM TSUNAMI WAVE 0557Z 30 JUL 0.8M

OFUNATO 39.0N 141.8E

MAXIMUM TSUNAMI WAVE 0900Z 30 JUL 0.4M

OMAEZAKI 34.6N 138.2E

MAXIMUM TSUNAMI WAVE 1250Z 30 JUL 0.4M

TOSASHIMIZU 32.8N 133.0E

MAXIMUM TSUNAMI WAVE 1240Z 30 JUL 0.3M

NAHA 26.2N 127.7E

MAXIMUM TSUNAMI WAVE 1247Z 30 JUL 0.1M

MAXIMUM TSUNAMI WAVE - HALF THE AMPLITUDE FROM THE TROUGH

TO THE CREST

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 013

ISSUED BY NWPTAC(JMA)

ISSUED AT 1421Z 30 JUL 2025

HYPOCENTRAL PARAMETERS

ORIGIN TIME:2324Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7 (MW)

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

COASTS OF EAST CHINA SEA

TAIWAN

EAST COASTS OF PHILIPPINES

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0026Z 30 JUL 1-3M

UST\_KAMCHATSK 56.1N 162.6E 0000Z 30 JUL 3-5M

PETROPAVLOVSK\_K 53.2N 159.6E 2325Z 29 JUL OVER10M

NIKOLSKOYA 55.1N 165.7E 2352Z 29 JUL 3-5M

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2325Z 29 JUL 5-10M

URUP\_IS. 46.1N 150.5E 0025Z 30 JUL 1-3M

COASTS OF EAST CHINA SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

SHANGHAI 31.2N 122.3E 0949Z 30 JUL 0.3-1M

TAIWAN

LOCATION COORDINATES ARRIVAL TIME AMPL

TAITUNG 22.7N 121.2E 0540Z 30 JUL 0.3-1M

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

BASCO 20.4N 122.0E 0545Z 30 JUL 0.3-1M

PALANAN 17.2N 122.6E 0550Z 30 JUL 0.3-1M

LEGASPI 13.2N 123.8E 0607Z 30 JUL 0.3-1M

LAOANG 12.6N 125.0E 0602Z 30 JUL 0.3-1M

MADRID 09.2N 126.0E 0615Z 30 JUL 0.3-1M

DAVAO 06.9N 125.7E 0701Z 30 JUL 0.3-1M

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

BEREBERE 02.5N 128.7E 0658Z 30 JUL 0.3-1M

PATANI 00.4N 128.8E 0727Z 30 JUL 0.3-1M

SORONG 00.8S 131.1E 0733Z 30 JUL 0.3-1M

MANOKWARI 00.8S 134.2E 0722Z 30 JUL 1-3M

WARSA 00.6S 135.8E 0709Z 30 JUL 1-3M

JAYAPURA 02.4S 140.8E 0720Z 30 JUL 1-3M

GEME 04.6N 126.8E 0647Z 30 JUL 0.3-1M

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0719Z 30 JUL 1-3M

WEWAK 03.5S 143.7E 0730Z 30 JUL 1-3M

MADANG 05.2S 145.8E 0751Z 30 JUL 1-3M

MANUS\_IS. 02.0S 147.5E 0651Z 30 JUL 1-3M

KIMBE 05.6S 150.2E 0744Z 30 JUL 1-3M

ULAMONA 05.0S 151.3E 0742Z 30 JUL 0.3-1M

RABAUL 04.2S 152.3E 0749Z 30 JUL 0.3-1M

KAVIENG 02.5S 150.7E 0653Z 30 JUL 1-3M

KIETA 06.1S 155.6E 0739Z 30 JUL 3-5M

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0754Z 30 JUL 3-5M

GHATERE 07.8S 159.2E 0758Z 30 JUL 1-3M

AUKI 08.8S 160.6E 0814Z 30 JUL 1-3M

KIRAKIRA 10.4S 161.9E 0817Z 30 JUL 1-3M

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0424Z 30 JUL 1-3M

GUAM 13.4N 144.7E 0445Z 30 JUL 1-3M

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0605Z 30 JUL 1-3M

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

YAP\_IS. 09.5N 138.1E 0534Z 30 JUL 0.3-1M

POHNPEI\_IS. 07.0N 158.2E 0518Z 30 JUL 1-3M

KOSRAE\_IS. 05.5N 163.0E 0530Z 30 JUL 1-3M

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0446Z 30 JUL 1-3M

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

LAE 06.8S 147.0E 0838Z 30 JUL 0.3-1M

ALOTAU 10.3S 150.4E 0909Z 30 JUL 0.3-1M

AMUN 06.0S 154.7E 0749Z 30 JUL 1-3M

HONIARA 09.3S 160.0E 0849Z 30 JUL 0.3-1M

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

MEASUREMENTS OR REPORTS OF TSUNAMI (REVISION)

LOCATION COORDINATES ARRIVAL TIME AMPL

SEKINEHAMA 41.4N 141.2E

MAXIMUM TSUNAMI WAVE 1016Z 30 JUL 0.4M

CHOSHI 35.7N 140.9E

MAXIMUM TSUNAMI WAVE 0423Z 30 JUL 0.3M

HANASAKI 43.3N 145.6E

MAXIMUM TSUNAMI WAVE 0557Z 30 JUL 0.8M

OFUNATO 39.0N 141.8E

MAXIMUM TSUNAMI WAVE 0900Z 30 JUL 0.4M

OMAEZAKI 34.6N 138.2E

MAXIMUM TSUNAMI WAVE 1250Z 30 JUL 0.4M

TOSASHIMIZU 32.8N 133.0E

MAXIMUM TSUNAMI WAVE 1240Z 30 JUL 0.3M

NAHA 26.2N 127.7E

MAXIMUM TSUNAMI WAVE 1247Z 30 JUL 0.1M

ISHIGAKIJIMA 24.3N 124.2E

MAXIMUM TSUNAMI WAVE 1349Z 30 JUL 0.1M

MAXIMUM TSUNAMI WAVE - HALF THE AMPLITUDE FROM THE TROUGH

TO THE CREST

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 014

ISSUED BY NWPTAC(JMA)

ISSUED AT 1701Z 30 JUL 2025

HYPOCENTRAL PARAMETERS

ORIGIN TIME:2324Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7 (MW)

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

COASTS OF EAST CHINA SEA

TAIWAN

EAST COASTS OF PHILIPPINES

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0026Z 30 JUL 1-3M

UST\_KAMCHATSK 56.1N 162.6E 0000Z 30 JUL 3-5M

PETROPAVLOVSK\_K 53.2N 159.6E 2325Z 29 JUL OVER10M

NIKOLSKOYA 55.1N 165.7E 2352Z 29 JUL 3-5M

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2325Z 29 JUL 5-10M

URUP\_IS. 46.1N 150.5E 0025Z 30 JUL 1-3M

COASTS OF EAST CHINA SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

SHANGHAI 31.2N 122.3E 0949Z 30 JUL 0.3-1M

TAIWAN

LOCATION COORDINATES ARRIVAL TIME AMPL

TAITUNG 22.7N 121.2E 0540Z 30 JUL 0.3-1M

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

BASCO 20.4N 122.0E 0545Z 30 JUL 0.3-1M

PALANAN 17.2N 122.6E 0550Z 30 JUL 0.3-1M

LEGASPI 13.2N 123.8E 0607Z 30 JUL 0.3-1M

LAOANG 12.6N 125.0E 0602Z 30 JUL 0.3-1M

MADRID 09.2N 126.0E 0615Z 30 JUL 0.3-1M

DAVAO 06.9N 125.7E 0701Z 30 JUL 0.3-1M

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

BEREBERE 02.5N 128.7E 0658Z 30 JUL 0.3-1M

PATANI 00.4N 128.8E 0727Z 30 JUL 0.3-1M

SORONG 00.8S 131.1E 0733Z 30 JUL 0.3-1M

MANOKWARI 00.8S 134.2E 0722Z 30 JUL 1-3M

WARSA 00.6S 135.8E 0709Z 30 JUL 1-3M

JAYAPURA 02.4S 140.8E 0720Z 30 JUL 1-3M

GEME 04.6N 126.8E 0647Z 30 JUL 0.3-1M

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0719Z 30 JUL 1-3M

WEWAK 03.5S 143.7E 0730Z 30 JUL 1-3M

MADANG 05.2S 145.8E 0751Z 30 JUL 1-3M

MANUS\_IS. 02.0S 147.5E 0651Z 30 JUL 1-3M

KIMBE 05.6S 150.2E 0744Z 30 JUL 1-3M

ULAMONA 05.0S 151.3E 0742Z 30 JUL 0.3-1M

RABAUL 04.2S 152.3E 0749Z 30 JUL 0.3-1M

KAVIENG 02.5S 150.7E 0653Z 30 JUL 1-3M

KIETA 06.1S 155.6E 0739Z 30 JUL 3-5M

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0754Z 30 JUL 3-5M

GHATERE 07.8S 159.2E 0758Z 30 JUL 1-3M

AUKI 08.8S 160.6E 0814Z 30 JUL 1-3M

KIRAKIRA 10.4S 161.9E 0817Z 30 JUL 1-3M

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0424Z 30 JUL 1-3M

GUAM 13.4N 144.7E 0445Z 30 JUL 1-3M

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0605Z 30 JUL 1-3M

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

YAP\_IS. 09.5N 138.1E 0534Z 30 JUL 0.3-1M

POHNPEI\_IS. 07.0N 158.2E 0518Z 30 JUL 1-3M

KOSRAE\_IS. 05.5N 163.0E 0530Z 30 JUL 1-3M

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0446Z 30 JUL 1-3M

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

LAE 06.8S 147.0E 0838Z 30 JUL 0.3-1M

ALOTAU 10.3S 150.4E 0909Z 30 JUL 0.3-1M

AMUN 06.0S 154.7E 0749Z 30 JUL 1-3M

HONIARA 09.3S 160.0E 0849Z 30 JUL 0.3-1M

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

MEASUREMENTS OR REPORTS OF TSUNAMI (REVISION)

LOCATION COORDINATES ARRIVAL TIME AMPL

SEKINEHAMA 41.4N 141.2E

MAXIMUM TSUNAMI WAVE 1527Z 30 JUL 0.4M

CHOSHI 35.7N 140.9E

MAXIMUM TSUNAMI WAVE 0423Z 30 JUL 0.3M

HANASAKI 43.3N 145.6E

MAXIMUM TSUNAMI WAVE 0557Z 30 JUL 0.8M

OFUNATO 39.0N 141.8E

MAXIMUM TSUNAMI WAVE 0900Z 30 JUL 0.4M

OMAEZAKI 34.6N 138.2E

MAXIMUM TSUNAMI WAVE 1250Z 30 JUL 0.4M

TOSASHIMIZU 32.8N 133.0E

MAXIMUM TSUNAMI WAVE 1620Z 30 JUL 0.5M

NAHA 26.2N 127.7E

MAXIMUM TSUNAMI WAVE 1247Z 30 JUL 0.1M

ISHIGAKIJIMA 24.3N 124.2E

MAXIMUM TSUNAMI WAVE 1349Z 30 JUL 0.1M

MAXIMUM TSUNAMI WAVE - HALF THE AMPLITUDE FROM THE TROUGH

TO THE CREST

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.

TSUNAMI BULLETIN NUMBER 015

ISSUED BY NWPTAC(JMA)

ISSUED AT 1923Z 30 JUL 2025

HYPOCENTRAL PARAMETERS

ORIGIN TIME:2324Z 29 JUL 2025

PRELIMINARY EPICENTER:LAT52.2NORTH LON160.0EAST

OFF EAST COAST OF KAMCHATKA

JAPAN - KURIL ISLANDS - KAMCHATKA PENINSULA

MAG:8.7 (MW)

EVALUATION

THERE IS A POSSIBILITY OF A DESTRUCTIVE OCEAN-WIDE TSUNAMI

THIS BULLETIN IS FOR

EAST COASTS OF KAMCHATKA PENINSULA

KURIL ISLANDS

COASTS OF EAST CHINA SEA

TAIWAN

EAST COASTS OF PHILIPPINES

NORTH COASTS OF IRIAN JAYA

NORTH COASTS OF PAPUA NEW GUINEA

NORTH COASTS OF SOLOMON ISLANDS

MARIANA ISLANDS

PALAU

MICRONESIA

MARSHALL ISLANDS

SOLOMON SEA

ESTIMATED TSUNAMI ARRIVAL TIMES AND WAVE AMPLITUDES

EAST COASTS OF KAMCHATKA PENINSULA

LOCATION COORDINATES ARRIVAL TIME AMPL

OSTROV\_KARAGINSKIY 58.8N 164.5E 0026Z 30 JUL 1-3M

UST\_KAMCHATSK 56.1N 162.6E 0000Z 30 JUL 3-5M

PETROPAVLOVSK\_K 53.2N 159.6E 2325Z 29 JUL OVER10M

NIKOLSKOYA 55.1N 165.7E 2352Z 29 JUL 3-5M

KURIL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SEVERO\_KURILSK 50.8N 156.1E 2325Z 29 JUL 5-10M

URUP\_IS. 46.1N 150.5E 0025Z 30 JUL 1-3M

COASTS OF EAST CHINA SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

SHANGHAI 31.2N 122.3E 0949Z 30 JUL 0.3-1M

TAIWAN

LOCATION COORDINATES ARRIVAL TIME AMPL

TAITUNG 22.7N 121.2E 0540Z 30 JUL 0.3-1M

EAST COASTS OF PHILIPPINES

LOCATION COORDINATES ARRIVAL TIME AMPL

BASCO 20.4N 122.0E 0545Z 30 JUL 0.3-1M

PALANAN 17.2N 122.6E 0550Z 30 JUL 0.3-1M

LEGASPI 13.2N 123.8E 0607Z 30 JUL 0.3-1M

LAOANG 12.6N 125.0E 0602Z 30 JUL 0.3-1M

MADRID 09.2N 126.0E 0615Z 30 JUL 0.3-1M

DAVAO 06.9N 125.7E 0701Z 30 JUL 0.3-1M

NORTH COASTS OF IRIAN JAYA

LOCATION COORDINATES ARRIVAL TIME AMPL

BEREBERE 02.5N 128.7E 0658Z 30 JUL 0.3-1M

PATANI 00.4N 128.8E 0727Z 30 JUL 0.3-1M

SORONG 00.8S 131.1E 0733Z 30 JUL 0.3-1M

MANOKWARI 00.8S 134.2E 0722Z 30 JUL 1-3M

WARSA 00.6S 135.8E 0709Z 30 JUL 1-3M

JAYAPURA 02.4S 140.8E 0720Z 30 JUL 1-3M

GEME 04.6N 126.8E 0647Z 30 JUL 0.3-1M

NORTH COASTS OF PAPUA NEW GUINEA

LOCATION COORDINATES ARRIVAL TIME AMPL

VANIMO 02.6S 141.3E 0719Z 30 JUL 1-3M

WEWAK 03.5S 143.7E 0730Z 30 JUL 1-3M

MADANG 05.2S 145.8E 0751Z 30 JUL 1-3M

MANUS\_IS. 02.0S 147.5E 0651Z 30 JUL 1-3M

KIMBE 05.6S 150.2E 0744Z 30 JUL 1-3M

ULAMONA 05.0S 151.3E 0742Z 30 JUL 0.3-1M

RABAUL 04.2S 152.3E 0749Z 30 JUL 0.3-1M

KAVIENG 02.5S 150.7E 0653Z 30 JUL 1-3M

KIETA 06.1S 155.6E 0739Z 30 JUL 3-5M

NORTH COASTS OF SOLOMON ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

PANGGOE 06.9S 157.2E 0754Z 30 JUL 3-5M

GHATERE 07.8S 159.2E 0758Z 30 JUL 1-3M

AUKI 08.8S 160.6E 0814Z 30 JUL 1-3M

KIRAKIRA 10.4S 161.9E 0817Z 30 JUL 1-3M

MARIANA ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

SAIPAN 15.3N 145.8E 0424Z 30 JUL 1-3M

GUAM 13.4N 144.7E 0445Z 30 JUL 1-3M

PALAU

LOCATION COORDINATES ARRIVAL TIME AMPL

MALAKAL 07.3N 134.5E 0605Z 30 JUL 1-3M

MICRONESIA

LOCATION COORDINATES ARRIVAL TIME AMPL

YAP\_IS. 09.5N 138.1E 0534Z 30 JUL 0.3-1M

POHNPEI\_IS. 07.0N 158.2E 0518Z 30 JUL 1-3M

KOSRAE\_IS. 05.5N 163.0E 0530Z 30 JUL 1-3M

MARSHALL ISLANDS

LOCATION COORDINATES ARRIVAL TIME AMPL

ENIWETOK 11.4N 162.3E 0446Z 30 JUL 1-3M

SOLOMON SEA

LOCATION COORDINATES ARRIVAL TIME AMPL

LAE 06.8S 147.0E 0838Z 30 JUL 0.3-1M

ALOTAU 10.3S 150.4E 0909Z 30 JUL 0.3-1M

AMUN 06.0S 154.7E 0749Z 30 JUL 1-3M

HONIARA 09.3S 160.0E 0849Z 30 JUL 0.3-1M

AMPL - MAXIMUM AMPLITUDE IN METERS FROM THE

UNDISTURBED SEA LEVEL TO THE CREST

IN SOME COASTAL AREAS (PARTICULARLY NEAR THE EPICENTER),

TSUNAMI WAVES MAY BE HIGHER AND/OR ARRIVE EARLIER THAN

ESTIMATED FOR NEARBY FORECAST POINTS.

AUTHORITIES SHOULD BE AWARE OF THIS POSSIBILITY.

THE EVALUATION OF TSUNAMIGENIC POTENTIAL AND ESTIMATED

ARRIVAL TIMES FOR TSUNAMI WAVES MAY ALSO DIFFER FROM

THOSE OF PTWC DUE TO DIFFERENCES IN ESTIMATED EARTHQUAKE

PARAMETERS AND THE TSUNAMI FORECAST MODEL.

AUTHORITIES SHOULD REFER TO EARLIER ARRIVAL TIMES

FOR GREATEST SAFETY.

MEASUREMENTS OR REPORTS OF TSUNAMI (REVISION)

LOCATION COORDINATES ARRIVAL TIME AMPL

SEKINEHAMA 41.4N 141.2E

MAXIMUM TSUNAMI WAVE 1527Z 30 JUL 0.4M

CHOSHI 35.7N 140.9E

MAXIMUM TSUNAMI WAVE 0423Z 30 JUL 0.3M

HANASAKI 43.3N 145.6E

MAXIMUM TSUNAMI WAVE 0557Z 30 JUL 0.8M

OFUNATO 39.0N 141.8E

MAXIMUM TSUNAMI WAVE 0900Z 30 JUL 0.4M

OMAEZAKI 34.6N 138.2E

MAXIMUM TSUNAMI WAVE 1250Z 30 JUL 0.4M

TOSASHIMIZU 32.8N 133.0E

MAXIMUM TSUNAMI WAVE 1907Z 30 JUL 0.6M

NAHA 26.2N 127.7E

MAXIMUM TSUNAMI WAVE 1247Z 30 JUL 0.1M

ISHIGAKIJIMA 24.3N 124.2E

MAXIMUM TSUNAMI WAVE 1349Z 30 JUL 0.1M

MAXIMUM TSUNAMI WAVE - HALF THE AMPLITUDE FROM THE TROUGH

TO THE CREST

THIS WILL BE THE FINAL BULLETIN UNLESS CHANGES IN THE POTENTIAL

FOR TSUNAMI GENERATION ARE DEEMED POSSIBLE BASED ON EARTHQUAKE

RE-EVALUATION OR REPORTS INDICATING TSUNAMI OBSERVATION ARE

RECEIVED.