BULLETIN

TSUNAMI MESSAGE NUMBER 1

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

133 PM HST TUE JUL 29 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI WATCH

A TSUNAMI WATCH IS ISSUED FOR THE STATE OF HAWAII EFFECTIVE AT

0133 PM HST.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.0 MOMENT

EVALUATION

BASED ON ALL AVAILABLE DATA A TSUNAMI MAY HAVE BEEN GENERATED BY

THIS EARTHQUAKE THAT COULD BE DESTRUCTIVE ON COASTAL AREAS EVEN

FAR FROM THE EPICENTER. AN INVESTIGATION IS UNDERWAY TO DETERMINE

IF THERE IS A TSUNAMI THREAT TO HAWAII.

IF TSUNAMI WAVES IMPACT HAWAII THE ESTIMATED EARLIEST ARRIVAL OF

THE FIRST TSUNAMI WAVE IS

0717 PM HST TUE 29 JUL 2025

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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BULLETIN

TSUNAMI MESSAGE NUMBER 2

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

217 PM HST TUE JUL 29 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI WATCH SUPPLEMENT

A TSUNAMI WATCH CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

NOTE UPGRADED MAGNITUDE

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.7 MOMENT

EVALUATION

BASED ON ALL AVAILABLE DATA A TSUNAMI MAY HAVE BEEN GENERATED BY

THIS EARTHQUAKE THAT COULD BE DESTRUCTIVE ON COASTAL AREAS EVEN

FAR FROM THE EPICENTER. AN INVESTIGATION IS UNDERWAY TO DETERMINE

IF THERE IS A TSUNAMI THREAT TO HAWAII.

IF TSUNAMI WAVES IMPACT HAWAII THE ESTIMATED EARLIEST ARRIVAL OF

THE FIRST TSUNAMI WAVE IS

0717 PM HST TUE 29 JUL 2025

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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BULLETIN

TSUNAMI MESSAGE NUMBER 3

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

243 PM HST TUE JUL 29 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI WARNING

A TSUNAMI WARNING IS ISSUED FOR THE STATE OF HAWAII EFFECTIVE AT

0243 PM HST.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.7 MOMENT

EVALUATION

A TSUNAMI HAS BEEN GENERATED THAT COULD CAUSE DAMAGE ALONG

COASTLINES OF ALL ISLANDS IN THE STATE OF HAWAII. URGENT ACTION

SHOULD BE TAKEN TO PROTECT LIVES AND PROPERTY.

A TSUNAMI IS A SERIES OF LONG OCEAN WAVES. EACH INDIVIDUAL WAVE

CREST CAN LAST 5 TO 15 MINUTES OR MORE AND EXTENSIVELY FLOOD

COASTAL AREAS. THE DANGER CAN CONTINUE FOR MANY HOURS AFTER THE

INITIAL WAVE AS SUBSEQUENT WAVES ARRIVE. TSUNAMI WAVE HEIGHTS

CANNOT BE PREDICTED AND THE FIRST WAVE MAY NOT BE THE LARGEST.

TSUNAMI WAVES EFFICIENTLY WRAP AROUND ISLANDS. ALL SHORES ARE AT

RISK NO MATTER WHICH DIRECTION THEY FACE. THE TROUGH OF A TSUNAMI

WAVE MAY TEMPORARILY EXPOSE THE SEAFLOOR BUT THE AREA WILL

QUICKLY FLOOD AGAIN. EXTREMELY STRONG AND UNUSUAL NEARSHORE

CURRENTS CAN ACCOMPANY A TSUNAMI. DEBRIS PICKED UP AND CARRIED

BY A TSUNAMI AMPLIFIES ITS DESTRUCTIVE POWER. SIMULTANEOUS HIGH

TIDES OR HIGH SURF CAN SIGNIFICANTLY INCREASE THE TSUNAMI HAZARD.

THE ESTIMATED ARRIVAL TIME IN HAWAII OF THE FIRST TSUNAMI WAVE IS

0717 PM HST TUE 29 JUL 2025

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

BULLETIN

TSUNAMI MESSAGE NUMBER 4

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

351 PM HST TUE JUL 29 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI WARNING SUPPLEMENT

A TSUNAMI WARNING CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.7 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL

MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

A TSUNAMI HAS BEEN GENERATED THAT COULD CAUSE DAMAGE ALONG

COASTLINES OF ALL ISLANDS IN THE STATE OF HAWAII. URGENT ACTION

SHOULD BE TAKEN TO PROTECT LIVES AND PROPERTY.

A TSUNAMI IS A SERIES OF LONG OCEAN WAVES. EACH INDIVIDUAL WAVE

CREST CAN LAST 5 TO 15 MINUTES OR MORE AND EXTENSIVELY FLOOD

COASTAL AREAS. THE DANGER CAN CONTINUE FOR MANY HOURS AFTER THE

INITIAL WAVE AS SUBSEQUENT WAVES ARRIVE. TSUNAMI WAVE HEIGHTS

CANNOT BE PREDICTED AND THE FIRST WAVE MAY NOT BE THE LARGEST.

TSUNAMI WAVES EFFICIENTLY WRAP AROUND ISLANDS. ALL SHORES ARE AT

RISK NO MATTER WHICH DIRECTION THEY FACE. THE TROUGH OF A TSUNAMI

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TIDES OR HIGH SURF CAN SIGNIFICANTLY INCREASE THE TSUNAMI HAZARD.

THE ESTIMATED ARRIVAL TIME IN HAWAII OF THE FIRST TSUNAMI WAVE IS

0717 PM HST TUE 29 JUL 2025

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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BULLETIN

TSUNAMI MESSAGE NUMBER 5

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

510 PM HST TUE JUL 29 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI WARNING SUPPLEMENT

A TSUNAMI WARNING CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.7 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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HANASAKI HOKKAIDO J 43.3N 145.6E 0158Z 0.32M / 1.0FT 58MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL

MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

A TSUNAMI HAS BEEN GENERATED THAT COULD CAUSE DAMAGE ALONG

COASTLINES OF ALL ISLANDS IN THE STATE OF HAWAII. URGENT ACTION

SHOULD BE TAKEN TO PROTECT LIVES AND PROPERTY.

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CREST CAN LAST 5 TO 15 MINUTES OR MORE AND EXTENSIVELY FLOOD

COASTAL AREAS. THE DANGER CAN CONTINUE FOR MANY HOURS AFTER THE

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TSUNAMI WAVES EFFICIENTLY WRAP AROUND ISLANDS. ALL SHORES ARE AT

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WAVE MAY TEMPORARILY EXPOSE THE SEAFLOOR BUT THE AREA WILL

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TIDES OR HIGH SURF CAN SIGNIFICANTLY INCREASE THE TSUNAMI HAZARD.

THE ESTIMATED ARRIVAL TIME IN HAWAII OF THE FIRST TSUNAMI WAVE IS

0717 PM HST TUE 29 JUL 2025

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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BULLETIN

TSUNAMI MESSAGE NUMBER 6

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

639 PM HST TUE JUL 29 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI WARNING SUPPLEMENT

A TSUNAMI WARNING CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.7 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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CHICHIJIMA JP 27.1N 142.2E 0357Z 0.29M / 1.0FT 16MIN

WAKE US 19.3N 166.6E 0402Z 0.22M / 0.7FT 14MIN

MIDWAY 28.2N 177.4W 0328Z 0.31M / 1.0FT 44MIN

ATKA AK 52.2N 174.2W 0322Z 0.31M / 1.0FT 68MIN

HANASAKI HOKKAIDO J 43.3N 145.6E 0158Z 0.32M / 1.0FT 58MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

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MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

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TIDES OR HIGH SURF CAN SIGNIFICANTLY INCREASE THE TSUNAMI HAZARD.

THE ESTIMATED ARRIVAL TIME IN HAWAII OF THE FIRST TSUNAMI WAVE IS

0717 PM HST TUE 29 JUL 2025

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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BULLETIN

TSUNAMI MESSAGE NUMBER 7

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

800 PM HST TUE JUL 29 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI WARNING SUPPLEMENT

A TSUNAMI WARNING CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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HALEIWA HI 21.6N 158.1W 0548Z 1.21M / 4.0FT 12MIN

NAWILIWILI KAUAI 22.0N 159.4W 0536Z 0.23M / 0.8FT 14MIN

NAWILIWILI HI 22.0N 159.4W 0537Z 0.23M / 0.7FT 12MIN

HANALEI HI USA 22.2N 159.5W 0533Z 0.90M / 3.0FT 20MIN

WAKE US 19.3N 166.6E 0350Z 0.22M / 0.7FT 14MIN

MERA JP 34.9N 139.8E 0510Z 0.32M / 1.1FT 24MIN

APRA HARBOR GUAM US 13.4N 144.7E 0442Z 0.12M / 0.4FT 56MIN

SAIPAN US 15.2N 145.7E 0456Z 0.23M / 0.7FT 60MIN

MIDWAY 28.2N 177.4W 0400Z 0.96M / 3.1FT 08MIN

CHICHIJIMA JP 27.1N 142.2E 0357Z 0.29M / 1.0FT 16MIN

ATKA AK 52.2N 174.2W 0322Z 0.31M / 1.0FT 68MIN

HANASAKI HOKKAIDO J 43.3N 145.6E 0158Z 0.32M / 1.0FT 58MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL

MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

TSUNAMI WAVES ARE NOW IMPACTING THE STATE OF HAWAII. URGENT

ACTION SHOULD BE TAKEN TO PROTECT LIVES AND PROPERTY.

A TSUNAMI IS A SERIES OF LONG OCEAN WAVES. EACH INDIVIDUAL WAVE

CREST CAN LAST 5 TO 15 MINUTES OR MORE AND EXTENSIVELY FLOOD

COASTAL AREAS. THE DANGER MAY PERSIST FOR MANY MORE HOURS AS

WAVES ACTIVITY CONTINUES. TSUNAMI WAVES EFFICIENTLY WRAP AROUND

ISLANDS SO ALL SHORES ARE AT RISK NO MATTER WHICH DIRECTION THEY

FACE. THE TROUGH OF A TSUNAMI WAVE MAY TEMPORARILY EXPOSE THE

SEAFLOOR BUT THE AREA WILL QUICKLY FLOOD AGAIN. EXTREMELY STRONG

AND UNUSUAL NEARSHORE CURRENTS CAN ACCOMPANY A TSUNAMI. DEBRIS

PICKED UP AND CARRIED BY A TSUNAMI AMPLIFIES ITS DESTRUCTIVE

POWER. SIMULTANEOUS HIGH TIDES OR HIGH SURF CAN SIGNIFICANTLY

INCREASE THE TSUNAMI HAZARD.

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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BULLETIN

TSUNAMI MESSAGE NUMBER 8

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

825 PM HST TUE JUL 29 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI WARNING SUPPLEMENT

A TSUNAMI WARNING CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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KEEHI HI USA 21.3N 157.9W 0612Z 0.19M / 0.6FT 34MIN

MAKAPU'U HI 21.3N 157.7W 0604Z 0.70M / 2.3FT 14MIN

KAHULUI MAUI 20.9N 156.5W 0545Z 1.23M / 4.0FT 60MIN

HALEIWA HI 21.6N 158.1W 0548Z 1.21M / 4.0FT 12MIN

NAWILIWILI KAUAI 22.0N 159.4W 0536Z 0.23M / 0.8FT 14MIN

NAWILIWILI HI 22.0N 159.4W 0537Z 0.23M / 0.7FT 12MIN

HANALEI HI USA 22.2N 159.5W 0533Z 0.90M / 3.0FT 20MIN

WAKE US 19.3N 166.6E 0350Z 0.22M / 0.7FT 14MIN

MERA JP 34.9N 139.8E 0510Z 0.32M / 1.1FT 24MIN

APRA HARBOR GUAM US 13.4N 144.7E 0442Z 0.12M / 0.4FT 56MIN

SAIPAN US 15.2N 145.7E 0456Z 0.23M / 0.7FT 60MIN

MIDWAY 28.2N 177.4W 0400Z 0.96M / 3.1FT 08MIN

CHICHIJIMA JP 27.1N 142.2E 0357Z 0.29M / 1.0FT 16MIN

ATKA AK 52.2N 174.2W 0322Z 0.31M / 1.0FT 68MIN

HANASAKI HOKKAIDO J 43.3N 145.6E 0158Z 0.32M / 1.0FT 58MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

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MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

TSUNAMI WAVES ARE NOW IMPACTING THE STATE OF HAWAII. URGENT

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POWER. SIMULTANEOUS HIGH TIDES OR HIGH SURF CAN SIGNIFICANTLY

INCREASE THE TSUNAMI HAZARD.

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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BULLETIN

TSUNAMI MESSAGE NUMBER 9

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

927 PM HST TUE JUL 29 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI WARNING SUPPLEMENT

A TSUNAMI WARNING CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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PAGO BAY GUAM US 13.4N 144.8E 0707Z 0.15M / 0.5FT 10MIN

HONOLULU OAHU 21.3N 157.9W 0658Z 0.33M / 1.1FT 16MIN

KAHULUI MAUI 20.9N 156.5W 0609Z 1.74M / 5.7FT 34MIN

DUTCH HBR UNALASKA 53.9N 166.5W 0406Z 0.32M / 1.0FT 72MIN

ATKA AK 52.2N 174.2W 0430Z 0.55M / 1.8FT 38MIN

NIKOLSKI AK 52.9N 168.9W 0548Z 0.41M / 1.3FT 42MIN

BARBERS PT HI 21.3N 158.1W 0638Z 0.19M / 0.6FT 04MIN

HEEIA HI USA 21.4N 157.8W 0558Z 0.12M / 0.4FT 20MIN

WAKKANI JP 45.4N 141.7E 0610Z 0.23M / 0.8FT 56MIN

PORT ALLEN HI USA 21.9N 159.6W 0630Z 0.42M / 1.4FT 10MIN

CHICHIJIMA JP 27.1N 142.2E 0627Z 0.49M / 1.6FT 18MIN

WAIANAE HI USA 21.5N 158.2W 0622Z 0.37M / 1.2FT 10MIN

HILO HAWAII 19.7N 155.1W 0623Z 1.50M / 4.9FT 14MIN

HANALEI HI 22.2N 159.5W 0548Z 1.17M / 3.9FT 12MIN

KEEHI HI USA 21.3N 157.9W 0612Z 0.19M / 0.6FT 34MIN

MAKAPU'U HI 21.3N 157.7W 0604Z 0.70M / 2.3FT 14MIN

HALEIWA HI 21.6N 158.1W 0548Z 1.21M / 4.0FT 12MIN

NAWILIWILI KAUAI 22.0N 159.4W 0536Z 0.23M / 0.8FT 14MIN

NAWILIWILI HI 22.0N 159.4W 0537Z 0.23M / 0.7FT 12MIN

HANALEI HI USA 22.2N 159.5W 0533Z 0.90M / 3.0FT 20MIN

WAKE US 19.3N 166.6E 0350Z 0.22M / 0.7FT 14MIN

MERA JP 34.9N 139.8E 0510Z 0.32M / 1.1FT 24MIN

APRA HARBOR GUAM US 13.4N 144.7E 0442Z 0.12M / 0.4FT 56MIN

SAIPAN US 15.2N 145.7E 0456Z 0.23M / 0.7FT 60MIN

MIDWAY 28.2N 177.4W 0400Z 0.96M / 3.1FT 08MIN

HANASAKI HOKKAIDO J 43.3N 145.6E 0158Z 0.32M / 1.0FT 58MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL

MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

TSUNAMI WAVES ARE NOW IMPACTING THE STATE OF HAWAII. URGENT

ACTION SHOULD BE TAKEN TO PROTECT LIVES AND PROPERTY.

A TSUNAMI IS A SERIES OF LONG OCEAN WAVES. EACH INDIVIDUAL WAVE

CREST CAN LAST 5 TO 15 MINUTES OR MORE AND EXTENSIVELY FLOOD

COASTAL AREAS. THE DANGER MAY PERSIST FOR MANY MORE HOURS AS

WAVES ACTIVITY CONTINUES. TSUNAMI WAVES EFFICIENTLY WRAP AROUND

ISLANDS SO ALL SHORES ARE AT RISK NO MATTER WHICH DIRECTION THEY

FACE. THE TROUGH OF A TSUNAMI WAVE MAY TEMPORARILY EXPOSE THE

SEAFLOOR BUT THE AREA WILL QUICKLY FLOOD AGAIN. EXTREMELY STRONG

AND UNUSUAL NEARSHORE CURRENTS CAN ACCOMPANY A TSUNAMI. DEBRIS

PICKED UP AND CARRIED BY A TSUNAMI AMPLIFIES ITS DESTRUCTIVE

POWER. SIMULTANEOUS HIGH TIDES OR HIGH SURF CAN SIGNIFICANTLY

INCREASE THE TSUNAMI HAZARD.

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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TSUNAMI MESSAGE NUMBER 10

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

1038 PM HST TUE JUL 29 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI ADVISORY

A TSUNAMI ADVISORY IS ISSUED FOR THE STATE OF HAWAII EFFECTIVE

AT 1038 PM HST.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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HONOKOHAU HI USA 19.7N 156.0W 0741Z 0.11M / 0.4FT 10MIN

KAWAIHAE HAWAII 20.0N 155.8W 0719Z 0.37M / 1.2FT 14MIN

DEKEHTIK POHNPEI FM 7.0N 158.2E 0634Z 0.10M / 0.3FT 20MIN

DART 52402 11.9N 153.9E 0507Z 0.06M / 0.2FT 44MIN

KAUNAKAKAI US 21.1N 157.0W 0620Z 0.23M / 0.8FT 30MIN

PAGO BAY GUAM US 13.4N 144.8E 0707Z 0.15M / 0.5FT 10MIN

HONOLULU OAHU 21.3N 157.9W 0658Z 0.33M / 1.1FT 16MIN

KAHULUI MAUI 20.9N 156.5W 0609Z 1.74M / 5.7FT 34MIN

DUTCH HBR UNALASKA 53.9N 166.5W 0406Z 0.32M / 1.0FT 72MIN

ATKA AK 52.2N 174.2W 0430Z 0.55M / 1.8FT 38MIN

NIKOLSKI AK 52.9N 168.9W 0548Z 0.41M / 1.3FT 42MIN

BARBERS PT HI 21.3N 158.1W 0638Z 0.19M / 0.6FT 04MIN

HEEIA HI USA 21.4N 157.8W 0558Z 0.12M / 0.4FT 20MIN

WAKKANI JP 45.4N 141.7E 0610Z 0.23M / 0.8FT 56MIN

PORT ALLEN HI USA 21.9N 159.6W 0630Z 0.42M / 1.4FT 10MIN

CHICHIJIMA JP 27.1N 142.2E 0627Z 0.49M / 1.6FT 18MIN

WAIANAE HI USA 21.5N 158.2W 0622Z 0.37M / 1.2FT 10MIN

HILO HAWAII 19.7N 155.1W 0623Z 1.50M / 4.9FT 14MIN

HANALEI HI 22.2N 159.5W 0548Z 1.17M / 3.9FT 12MIN

KEEHI HI USA 21.3N 157.9W 0612Z 0.19M / 0.6FT 34MIN

MAKAPU'U HI 21.3N 157.7W 0604Z 0.70M / 2.3FT 14MIN

HALEIWA HI 21.6N 158.1W 0548Z 1.21M / 4.0FT 12MIN

NAWILIWILI KAUAI 22.0N 159.4W 0536Z 0.23M / 0.8FT 14MIN

NAWILIWILI HI 22.0N 159.4W 0537Z 0.23M / 0.7FT 12MIN

HANALEI HI USA 22.2N 159.5W 0533Z 0.90M / 3.0FT 20MIN

WAKE US 19.3N 166.6E 0350Z 0.22M / 0.7FT 14MIN

MERA JP 34.9N 139.8E 0510Z 0.32M / 1.1FT 24MIN

APRA HARBOR GUAM US 13.4N 144.7E 0442Z 0.12M / 0.4FT 56MIN

SAIPAN US 15.2N 145.7E 0456Z 0.23M / 0.7FT 60MIN

MIDWAY 28.2N 177.4W 0400Z 0.96M / 3.1FT 08MIN

HANASAKI HOKKAIDO J 43.3N 145.6E 0158Z 0.32M / 1.0FT 58MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL

MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

BASED ON ALL AVAILABLE DATA A MAJOR TSUNAMI IS NOT EXPECTED TO

STRIKE THE STATE OF HAWAII. HOWEVER...SEA LEVEL CHANGES AND

STRONG CURRENTS MAY OCCUR ALONG ALL COASTS THAT COULD BE A HAZARD

TO SWIMMERS AND BOATERS AS WELL AS TO PERSONS NEAR THE SHORE AT

BEACHES AND IN HARBORS AND MARINAS. THE THREAT MAY CONTINUE FOR

SEVERAL HOURS AFTER THE INITIAL WAVE ARRIVAL.

THE ESTIMATED TIME OF ARRIVAL OF THE INITIAL WAVE IS

0717 PM HST TUE 29 JUL 2025

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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TSUNAMI MESSAGE NUMBER 11

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

1139 PM HST TUE JUL 29 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI ADVISORY SUPPLEMENT

A TSUNAMI ADVISORY CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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APIA UPOLU WS 13.8S 171.8W 0926Z 0.33M / 1.1FT 40MIN

PAGO PAGO AS 14.3S 170.7W 0910Z 0.21M / 0.7FT 36MIN

DART 51425 9.5S 176.2W 0815Z 0.04M / 0.1FT 18MIN

HONOKOHAU HI USA 19.7N 156.0W 0741Z 0.11M / 0.4FT 10MIN

KAWAIHAE HAWAII 20.0N 155.8W 0719Z 0.37M / 1.2FT 14MIN

DEKEHTIK POHNPEI FM 7.0N 158.2E 0634Z 0.10M / 0.3FT 20MIN

DART 52402 11.9N 153.9E 0507Z 0.06M / 0.2FT 44MIN

KAUNAKAKAI US 21.1N 157.0W 0620Z 0.23M / 0.8FT 30MIN

PAGO BAY GUAM US 13.4N 144.8E 0707Z 0.15M / 0.5FT 10MIN

HONOLULU OAHU 21.3N 157.9W 0658Z 0.33M / 1.1FT 16MIN

KAHULUI MAUI 20.9N 156.5W 0609Z 1.74M / 5.7FT 34MIN

DUTCH HBR UNALASKA 53.9N 166.5W 0406Z 0.32M / 1.0FT 72MIN

ATKA AK 52.2N 174.2W 0430Z 0.55M / 1.8FT 38MIN

NIKOLSKI AK 52.9N 168.9W 0548Z 0.41M / 1.3FT 42MIN

BARBERS PT HI 21.3N 158.1W 0638Z 0.19M / 0.6FT 04MIN

HEEIA HI USA 21.4N 157.8W 0558Z 0.12M / 0.4FT 20MIN

WAKKANI JP 45.4N 141.7E 0610Z 0.23M / 0.8FT 56MIN

PORT ALLEN HI USA 21.9N 159.6W 0630Z 0.42M / 1.4FT 10MIN

CHICHIJIMA JP 27.1N 142.2E 0627Z 0.49M / 1.6FT 18MIN

WAIANAE HI USA 21.5N 158.2W 0622Z 0.37M / 1.2FT 10MIN

HILO HAWAII 19.7N 155.1W 0623Z 1.50M / 4.9FT 14MIN

HANALEI HI 22.2N 159.5W 0548Z 1.17M / 3.9FT 12MIN

KEEHI HI USA 21.3N 157.9W 0612Z 0.19M / 0.6FT 34MIN

MAKAPU'U HI 21.3N 157.7W 0604Z 0.70M / 2.3FT 14MIN

HALEIWA HI 21.6N 158.1W 0548Z 1.21M / 4.0FT 12MIN

NAWILIWILI KAUAI 22.0N 159.4W 0536Z 0.23M / 0.8FT 14MIN

NAWILIWILI HI 22.0N 159.4W 0537Z 0.23M / 0.7FT 12MIN

HANALEI HI USA 22.2N 159.5W 0533Z 0.90M / 3.0FT 20MIN

WAKE US 19.3N 166.6E 0350Z 0.22M / 0.7FT 14MIN

MERA JP 34.9N 139.8E 0510Z 0.32M / 1.1FT 24MIN

APRA HARBOR GUAM US 13.4N 144.7E 0442Z 0.12M / 0.4FT 56MIN

SAIPAN US 15.2N 145.7E 0456Z 0.23M / 0.7FT 60MIN

MIDWAY 28.2N 177.4W 0400Z 0.96M / 3.1FT 08MIN

HANASAKI HOKKAIDO J 43.3N 145.6E 0158Z 0.32M / 1.0FT 58MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL

MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

TSUNAMI WAVES THAT CAN BE A HAZARD TO SWIMMERS AND BOATERS AS

WELL AS TO PERSONS NEAR THE SHORE AT BEACHES AND IN HARBORS AND

MARINAS ARE NOW AFFECTING THE STATE OF HAWAII. THIS HAZARD COULD

CONTINUE FOR SEVERAL HOURS. THE SITUATION IS BEING MONITORED

CLOSELY AND THE ADVISORY WILL END WHEN THE HAZARD HAS PASSED.

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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TSUNAMI MESSAGE NUMBER 12

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

106 AM HST WED JUL 30 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI ADVISORY SUPPLEMENT

A TSUNAMI ADVISORY CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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HONIARA SB 9.4S 160.0E 1000Z 0.10M / 0.3FT 46MIN

ALOFI NU 19.1S 169.9W 1022Z 0.12M / 0.4FT 20MIN

VANUATU 17.8S 168.3E 1044Z 0.42M / 1.4FT 16MIN

ARENA COVE CA 38.9N 123.7W 0923Z 0.79M / 2.6FT 06MIN

MONTEREY HARBOR CA 36.6N 121.9W 0810Z 0.35M / 1.2FT 38MIN

PORT SAN LUIS CA 35.2N 120.8W 0933Z 0.86M / 2.8FT 18MIN

SANTA BARBARA CA 34.4N 119.7W 0947Z 0.33M / 1.1FT 14MIN

OFF OREGON COAST 45.8N 129.7W 0606Z 0.06M / 0.2FT 52MIN

OFU AS 14.2S 169.7W 0941Z 0.19M / 0.6FT 20MIN

CHARLESTON OR 43.3N 124.3W 0854Z 0.21M / 0.7FT 20MIN

LA PUSH WA 47.9N 124.6W 0741Z 0.23M / 0.8FT 34MIN

LITZLITZ VU 16.1S 167.4E 1003Z 0.34M / 1.1FT 52MIN

LUGANVILLE VU 15.5S 167.2E 0958Z 0.21M / 0.7FT 52MIN

AUNUU AS 14.3S 170.6W 0944Z 0.28M / 0.9FT 12MIN

AUASI AS 14.3S 170.6W 0944Z 0.29M / 0.9FT 10MIN

TAREKUKURE WHARF SB 6.7S 156.4E 0838Z 0.41M / 1.4FT 32MIN

LOMBRUM MANUS IS PG 2.0S 147.4E 0753Z 0.25M / 0.8FT 60MIN

CRESCENT CITY CA 41.7N 124.2W 0930Z 1.12M / 3.7FT 22MIN

HANASAKI HOKKAIDO J 43.3N 145.6E 0544Z 0.79M / 2.6FT 40MIN

APIA UPOLU WS 13.8S 171.8W 0943Z 0.70M / 2.3FT 18MIN

PAGO PAGO AS 14.3S 170.7W 0929Z 0.25M / 0.8FT 20MIN

DART 51425 9.5S 176.2W 0815Z 0.04M / 0.1FT 18MIN

HONOKOHAU HI USA 19.7N 156.0W 0741Z 0.11M / 0.4FT 10MIN

KAWAIHAE HAWAII 20.0N 155.8W 0719Z 0.37M / 1.2FT 14MIN

DEKEHTIK POHNPEI FM 7.0N 158.2E 0634Z 0.10M / 0.3FT 20MIN

DART 52402 11.9N 153.9E 0507Z 0.06M / 0.2FT 44MIN

KAUNAKAKAI US 21.1N 157.0W 0620Z 0.23M / 0.8FT 30MIN

PAGO BAY GUAM US 13.4N 144.8E 0707Z 0.15M / 0.5FT 10MIN

HONOLULU OAHU 21.3N 157.9W 0658Z 0.33M / 1.1FT 16MIN

KAHULUI MAUI 20.9N 156.5W 0609Z 1.74M / 5.7FT 34MIN

DUTCH HBR UNALASKA 53.9N 166.5W 0406Z 0.32M / 1.0FT 72MIN

ATKA AK 52.2N 174.2W 0430Z 0.55M / 1.8FT 38MIN

NIKOLSKI AK 52.9N 168.9W 0548Z 0.41M / 1.3FT 42MIN

BARBERS PT HI 21.3N 158.1W 0638Z 0.19M / 0.6FT 04MIN

HEEIA HI USA 21.4N 157.8W 0558Z 0.12M / 0.4FT 20MIN

WAKKANI JP 45.4N 141.7E 0610Z 0.23M / 0.8FT 56MIN

PORT ALLEN HI USA 21.9N 159.6W 0630Z 0.42M / 1.4FT 10MIN

CHICHIJIMA JP 27.1N 142.2E 0627Z 0.49M / 1.6FT 18MIN

WAIANAE HI USA 21.5N 158.2W 0622Z 0.37M / 1.2FT 10MIN

HILO HAWAII 19.7N 155.1W 0623Z 1.50M / 4.9FT 14MIN

HANALEI HI 22.2N 159.5W 0548Z 1.17M / 3.9FT 12MIN

KEEHI HI USA 21.3N 157.9W 0612Z 0.19M / 0.6FT 34MIN

MAKAPU'U HI 21.3N 157.7W 0604Z 0.70M / 2.3FT 14MIN

HALEIWA HI 21.6N 158.1W 0548Z 1.21M / 4.0FT 12MIN

NAWILIWILI KAUAI 22.0N 159.4W 0536Z 0.23M / 0.8FT 14MIN

NAWILIWILI HI 22.0N 159.4W 0537Z 0.23M / 0.7FT 12MIN

HANALEI HI USA 22.2N 159.5W 0533Z 0.90M / 3.0FT 20MIN

WAKE US 19.3N 166.6E 0350Z 0.22M / 0.7FT 14MIN

MERA JP 34.9N 139.8E 0510Z 0.32M / 1.1FT 24MIN

APRA HARBOR GUAM US 13.4N 144.7E 0442Z 0.12M / 0.4FT 56MIN

SAIPAN US 15.2N 145.7E 0456Z 0.23M / 0.7FT 60MIN

MIDWAY 28.2N 177.4W 0400Z 0.96M / 3.1FT 08MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL

MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

TSUNAMI WAVES THAT CAN BE A HAZARD TO SWIMMERS AND BOATERS AS

WELL AS TO PERSONS NEAR THE SHORE AT BEACHES AND IN HARBORS AND

MARINAS ARE NOW AFFECTING THE STATE OF HAWAII. THIS HAZARD COULD

CONTINUE FOR SEVERAL HOURS. THE SITUATION IS BEING MONITORED

CLOSELY AND THE ADVISORY WILL END WHEN THE HAZARD HAS PASSED.

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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TSUNAMI MESSAGE NUMBER 13

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

210 AM HST WED JUL 30 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI ADVISORY SUPPLEMENT

A TSUNAMI ADVISORY CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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OUVEA NEW CALEDONIA 20.5S 166.6E 1057Z 0.14M / 0.4FT 30MIN

HIENGHENE NEW CALED 20.7S 164.9E 1052Z 0.34M / 1.1FT 28MIN

HONIARA SB 9.4S 160.0E 1000Z 0.10M / 0.3FT 46MIN

ALOFI NU 19.1S 169.9W 1022Z 0.12M / 0.4FT 20MIN

VANUATU 17.8S 168.3E 1044Z 0.42M / 1.4FT 16MIN

ARENA COVE CA 38.9N 123.7W 0923Z 0.79M / 2.6FT 06MIN

MONTEREY HARBOR CA 36.6N 121.9W 0810Z 0.35M / 1.2FT 38MIN

PORT SAN LUIS CA 35.2N 120.8W 0933Z 0.86M / 2.8FT 18MIN

SANTA BARBARA CA 34.4N 119.7W 0947Z 0.33M / 1.1FT 14MIN

OFF OREGON COAST 45.8N 129.7W 0606Z 0.06M / 0.2FT 52MIN

OFU AS 14.2S 169.7W 0941Z 0.19M / 0.6FT 20MIN

CHARLESTON OR 43.3N 124.3W 0854Z 0.21M / 0.7FT 20MIN

LA PUSH WA 47.9N 124.6W 0741Z 0.23M / 0.8FT 34MIN

LITZLITZ VU 16.1S 167.4E 1003Z 0.34M / 1.1FT 52MIN

LUGANVILLE VU 15.5S 167.2E 0958Z 0.21M / 0.7FT 52MIN

AUNUU AS 14.3S 170.6W 0944Z 0.28M / 0.9FT 12MIN

AUASI AS 14.3S 170.6W 0944Z 0.29M / 0.9FT 10MIN

TAREKUKURE WHARF SB 6.7S 156.4E 0838Z 0.41M / 1.4FT 32MIN

LOMBRUM MANUS IS PG 2.0S 147.4E 0753Z 0.25M / 0.8FT 60MIN

CRESCENT CITY CA 41.7N 124.2W 0930Z 1.12M / 3.7FT 22MIN

HANASAKI HOKKAIDO J 43.3N 145.6E 0544Z 0.79M / 2.6FT 40MIN

APIA UPOLU WS 13.8S 171.8W 0943Z 0.70M / 2.3FT 18MIN

PAGO PAGO AS 14.3S 170.7W 0929Z 0.25M / 0.8FT 20MIN

DART 51425 9.5S 176.2W 0815Z 0.04M / 0.1FT 18MIN

HONOKOHAU HI USA 19.7N 156.0W 0741Z 0.11M / 0.4FT 10MIN

KAWAIHAE HAWAII 20.0N 155.8W 0719Z 0.37M / 1.2FT 14MIN

DEKEHTIK POHNPEI FM 7.0N 158.2E 0634Z 0.10M / 0.3FT 20MIN

DART 52402 11.9N 153.9E 0507Z 0.06M / 0.2FT 44MIN

KAUNAKAKAI US 21.1N 157.0W 0620Z 0.23M / 0.8FT 30MIN

PAGO BAY GUAM US 13.4N 144.8E 0707Z 0.15M / 0.5FT 10MIN

HONOLULU OAHU 21.3N 157.9W 0658Z 0.33M / 1.1FT 16MIN

KAHULUI MAUI 20.9N 156.5W 0609Z 1.74M / 5.7FT 34MIN

DUTCH HBR UNALASKA 53.9N 166.5W 0406Z 0.32M / 1.0FT 72MIN

ATKA AK 52.2N 174.2W 0430Z 0.55M / 1.8FT 38MIN

NIKOLSKI AK 52.9N 168.9W 0548Z 0.41M / 1.3FT 42MIN

BARBERS PT HI 21.3N 158.1W 0638Z 0.19M / 0.6FT 04MIN

HEEIA HI USA 21.4N 157.8W 0558Z 0.12M / 0.4FT 20MIN

WAKKANI JP 45.4N 141.7E 0610Z 0.23M / 0.8FT 56MIN

PORT ALLEN HI USA 21.9N 159.6W 0630Z 0.42M / 1.4FT 10MIN

CHICHIJIMA JP 27.1N 142.2E 0627Z 0.49M / 1.6FT 18MIN

WAIANAE HI USA 21.5N 158.2W 0622Z 0.37M / 1.2FT 10MIN

HILO HAWAII 19.7N 155.1W 0623Z 1.50M / 4.9FT 14MIN

HANALEI HI 22.2N 159.5W 0548Z 1.17M / 3.9FT 12MIN

KEEHI HI USA 21.3N 157.9W 0612Z 0.19M / 0.6FT 34MIN

MAKAPU'U HI 21.3N 157.7W 0604Z 0.70M / 2.3FT 14MIN

HALEIWA HI 21.6N 158.1W 0548Z 1.21M / 4.0FT 12MIN

NAWILIWILI KAUAI 22.0N 159.4W 0536Z 0.23M / 0.8FT 14MIN

NAWILIWILI HI 22.0N 159.4W 0537Z 0.23M / 0.7FT 12MIN

HANALEI HI USA 22.2N 159.5W 0533Z 0.90M / 3.0FT 20MIN

WAKE US 19.3N 166.6E 0350Z 0.22M / 0.7FT 14MIN

MERA JP 34.9N 139.8E 0510Z 0.32M / 1.1FT 24MIN

APRA HARBOR GUAM US 13.4N 144.7E 0442Z 0.12M / 0.4FT 56MIN

SAIPAN US 15.2N 145.7E 0456Z 0.23M / 0.7FT 60MIN

MIDWAY 28.2N 177.4W 0400Z 0.96M / 3.1FT 08MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL

MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

TSUNAMI WAVES THAT CAN BE A HAZARD TO SWIMMERS AND BOATERS AS

WELL AS TO PERSONS NEAR THE SHORE AT BEACHES AND IN HARBORS AND

MARINAS ARE NOW AFFECTING THE STATE OF HAWAII. THIS HAZARD COULD

CONTINUE FOR SEVERAL HOURS. THE SITUATION IS BEING MONITORED

CLOSELY AND THE ADVISORY WILL END WHEN THE HAZARD HAS PASSED.

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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TSUNAMI MESSAGE NUMBER 14

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

318 AM HST WED JUL 30 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI ADVISORY SUPPLEMENT

A TSUNAMI ADVISORY CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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OUVEA NEW CALEDONIA 20.5S 166.6E 1057Z 0.14M / 0.4FT 30MIN

HIENGHENE NEW CALED 20.7S 164.9E 1052Z 0.34M / 1.1FT 28MIN

HONIARA SB 9.4S 160.0E 1000Z 0.10M / 0.3FT 46MIN

ALOFI NU 19.1S 169.9W 1022Z 0.12M / 0.4FT 20MIN

VANUATU 17.8S 168.3E 1044Z 0.42M / 1.4FT 16MIN

ARENA COVE CA 38.9N 123.7W 0923Z 0.79M / 2.6FT 06MIN

MONTEREY HARBOR CA 36.6N 121.9W 0810Z 0.35M / 1.2FT 38MIN

PORT SAN LUIS CA 35.2N 120.8W 0933Z 0.86M / 2.8FT 18MIN

SANTA BARBARA CA 34.4N 119.7W 0947Z 0.33M / 1.1FT 14MIN

OFF OREGON COAST 45.8N 129.7W 0606Z 0.06M / 0.2FT 52MIN

OFU AS 14.2S 169.7W 0941Z 0.19M / 0.6FT 20MIN

CHARLESTON OR 43.3N 124.3W 0854Z 0.21M / 0.7FT 20MIN

LA PUSH WA 47.9N 124.6W 0741Z 0.23M / 0.8FT 34MIN

LITZLITZ VU 16.1S 167.4E 1003Z 0.34M / 1.1FT 52MIN

LUGANVILLE VU 15.5S 167.2E 0958Z 0.21M / 0.7FT 52MIN

AUNUU AS 14.3S 170.6W 0944Z 0.28M / 0.9FT 12MIN

AUASI AS 14.3S 170.6W 0944Z 0.29M / 0.9FT 10MIN

TAREKUKURE WHARF SB 6.7S 156.4E 0838Z 0.41M / 1.4FT 32MIN

LOMBRUM MANUS IS PG 2.0S 147.4E 0753Z 0.25M / 0.8FT 60MIN

CRESCENT CITY CA 41.7N 124.2W 0930Z 1.12M / 3.7FT 22MIN

HANASAKI HOKKAIDO J 43.3N 145.6E 0544Z 0.79M / 2.6FT 40MIN

APIA UPOLU WS 13.8S 171.8W 0943Z 0.70M / 2.3FT 18MIN

PAGO PAGO AS 14.3S 170.7W 0929Z 0.25M / 0.8FT 20MIN

DART 51425 9.5S 176.2W 0815Z 0.04M / 0.1FT 18MIN

HONOKOHAU HI USA 19.7N 156.0W 0741Z 0.11M / 0.4FT 10MIN

KAWAIHAE HAWAII 20.0N 155.8W 0719Z 0.37M / 1.2FT 14MIN

DEKEHTIK POHNPEI FM 7.0N 158.2E 0634Z 0.10M / 0.3FT 20MIN

DART 52402 11.9N 153.9E 0507Z 0.06M / 0.2FT 44MIN

KAUNAKAKAI US 21.1N 157.0W 0620Z 0.23M / 0.8FT 30MIN

PAGO BAY GUAM US 13.4N 144.8E 0707Z 0.15M / 0.5FT 10MIN

HONOLULU OAHU 21.3N 157.9W 0658Z 0.33M / 1.1FT 16MIN

KAHULUI MAUI 20.9N 156.5W 0609Z 1.74M / 5.7FT 34MIN

DUTCH HBR UNALASKA 53.9N 166.5W 0406Z 0.32M / 1.0FT 72MIN

ATKA AK 52.2N 174.2W 0430Z 0.55M / 1.8FT 38MIN

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WAKKANI JP 45.4N 141.7E 0610Z 0.23M / 0.8FT 56MIN

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CHICHIJIMA JP 27.1N 142.2E 0627Z 0.49M / 1.6FT 18MIN

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HANALEI HI USA 22.2N 159.5W 0533Z 0.90M / 3.0FT 20MIN

WAKE US 19.3N 166.6E 0350Z 0.22M / 0.7FT 14MIN

MERA JP 34.9N 139.8E 0510Z 0.32M / 1.1FT 24MIN

APRA HARBOR GUAM US 13.4N 144.7E 0442Z 0.12M / 0.4FT 56MIN

SAIPAN US 15.2N 145.7E 0456Z 0.23M / 0.7FT 60MIN

MIDWAY 28.2N 177.4W 0400Z 0.96M / 3.1FT 08MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL

MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

SEA LEVEL OSCILLATIONS ACROSS THE STATE OF HAWAII ARE STILL

CONTINUING AT ADVISORY LEVELS.

TSUNAMI WAVES THAT CAN BE A HAZARD TO SWIMMERS AND BOATERS AS

WELL AS TO PERSONS NEAR THE SHORE AT BEACHES AND IN HARBORS AND

MARINAS ARE NOW AFFECTING THE STATE OF HAWAII. THIS HAZARD COULD

CONTINUE FOR SEVERAL HOURS. THE SITUATION IS BEING MONITORED

CLOSELY AND THE ADVISORY WILL END WHEN THE HAZARD HAS PASSED.

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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TSUNAMI MESSAGE NUMBER 15

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

424 AM HST WED JUL 30 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI ADVISORY SUPPLEMENT

A TSUNAMI ADVISORY CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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SUVA VITI LEVU FJ 18.1S 178.4E 1117Z 0.07M / 0.2FT 22MIN

RIKITEA PF 23.1S 135.0W 1312Z 0.06M / 0.2FT 22MIN

NUKUALOFA TO 21.1S 175.2W 1122Z 0.17M / 0.5FT 52MIN

HIVA OA MARQUESAS 9.8S 139.0W 1239Z 0.52M / 1.7FT 22MIN

PUERTO VALLARTA MX 20.7N 105.2W 1258Z 0.16M / 0.5FT 08MIN

LITZLITZ VU 16.1S 167.4E 1003Z 0.34M / 1.1FT 52MIN

OUVEA NEW CALEDONIA 20.5S 166.6E 1057Z 0.14M / 0.4FT 30MIN

HIENGHENE NEW CALED 20.7S 164.9E 1052Z 0.34M / 1.1FT 28MIN

HONIARA SB 9.4S 160.0E 1000Z 0.10M / 0.3FT 46MIN

ALOFI NU 19.1S 169.9W 1022Z 0.12M / 0.4FT 20MIN

VANUATU 17.8S 168.3E 1044Z 0.42M / 1.4FT 16MIN

ARENA COVE CA 38.9N 123.7W 0923Z 0.79M / 2.6FT 06MIN

MONTEREY HARBOR CA 36.6N 121.9W 0810Z 0.35M / 1.2FT 38MIN

PORT SAN LUIS CA 35.2N 120.8W 0933Z 0.86M / 2.8FT 18MIN

SANTA BARBARA CA 34.4N 119.7W 0947Z 0.33M / 1.1FT 14MIN

OFF OREGON COAST 45.8N 129.7W 0606Z 0.06M / 0.2FT 52MIN

OFU AS 14.2S 169.7W 0941Z 0.19M / 0.6FT 20MIN

CHARLESTON OR 43.3N 124.3W 0854Z 0.21M / 0.7FT 20MIN

LA PUSH WA 47.9N 124.6W 0741Z 0.23M / 0.8FT 34MIN

LUGANVILLE VU 15.5S 167.2E 0958Z 0.21M / 0.7FT 52MIN

AUNUU AS 14.3S 170.6W 0944Z 0.28M / 0.9FT 12MIN

AUASI AS 14.3S 170.6W 0944Z 0.29M / 0.9FT 10MIN

TAREKUKURE WHARF SB 6.7S 156.4E 0838Z 0.41M / 1.4FT 32MIN

LOMBRUM MANUS IS PG 2.0S 147.4E 0753Z 0.25M / 0.8FT 60MIN

CRESCENT CITY CA 41.7N 124.2W 0930Z 1.12M / 3.7FT 22MIN

HANASAKI HOKKAIDO J 43.3N 145.6E 0544Z 0.79M / 2.6FT 40MIN

APIA UPOLU WS 13.8S 171.8W 0943Z 0.70M / 2.3FT 18MIN

PAGO PAGO AS 14.3S 170.7W 0929Z 0.25M / 0.8FT 20MIN

DART 51425 9.5S 176.2W 0815Z 0.04M / 0.1FT 18MIN

HONOKOHAU HI USA 19.7N 156.0W 0741Z 0.11M / 0.4FT 10MIN

KAWAIHAE HAWAII 20.0N 155.8W 0719Z 0.37M / 1.2FT 14MIN

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HALEIWA HI 21.6N 158.1W 0548Z 1.21M / 4.0FT 12MIN

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NAWILIWILI HI 22.0N 159.4W 0537Z 0.23M / 0.7FT 12MIN

HANALEI HI USA 22.2N 159.5W 0533Z 0.90M / 3.0FT 20MIN

WAKE US 19.3N 166.6E 0350Z 0.22M / 0.7FT 14MIN

MERA JP 34.9N 139.8E 0510Z 0.32M / 1.1FT 24MIN

APRA HARBOR GUAM US 13.4N 144.7E 0442Z 0.12M / 0.4FT 56MIN

SAIPAN US 15.2N 145.7E 0456Z 0.23M / 0.7FT 60MIN

MIDWAY 28.2N 177.4W 0400Z 0.96M / 3.1FT 08MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

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DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

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NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

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MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

TSUNAMI WAVES THAT CAN BE A HAZARD TO SWIMMERS AND BOATERS AS

WELL AS TO PERSONS NEAR THE SHORE AT BEACHES AND IN HARBORS AND

MARINAS ARE NOW AFFECTING THE STATE OF HAWAII. THIS HAZARD COULD

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WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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TSUNAMI MESSAGE NUMBER 16

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

522 AM HST WED JUL 30 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI ADVISORY SUPPLEMENT

A TSUNAMI ADVISORY CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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SUVA VITI LEVU FJ 18.1S 178.4E 1117Z 0.07M / 0.2FT 22MIN

RIKITEA PF 23.1S 135.0W 1312Z 0.06M / 0.2FT 22MIN

NUKUALOFA TO 21.1S 175.2W 1122Z 0.17M / 0.5FT 52MIN

HIVA OA MARQUESAS 9.8S 139.0W 1239Z 0.52M / 1.7FT 22MIN

PUERTO VALLARTA MX 20.7N 105.2W 1258Z 0.16M / 0.5FT 08MIN

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SAIPAN US 15.2N 145.7E 0456Z 0.23M / 0.7FT 60MIN

MIDWAY 28.2N 177.4W 0400Z 0.96M / 3.1FT 08MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL

MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

TSUNAMI WAVES THAT CAN BE A HAZARD TO SWIMMERS AND BOATERS AS

WELL AS TO PERSONS NEAR THE SHORE AT BEACHES AND IN HARBORS AND

MARINAS ARE NOW AFFECTING THE STATE OF HAWAII. THIS HAZARD COULD

CONTINUE FOR SEVERAL HOURS. THE SITUATION IS BEING MONITORED

CLOSELY AND THE ADVISORY WILL END WHEN THE HAZARD HAS PASSED.

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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TSUNAMI MESSAGE NUMBER 17

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

635 AM HST WED JUL 30 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI ADVISORY SUPPLEMENT

A TSUNAMI ADVISORY CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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BALTRA GALAPAGS EC 0.4S 90.3W 1621Z 1.04M / 3.4FT 18MIN

SANTACRUZ GALAPAGOS 0.7S 90.3W 1542Z 0.40M / 1.3FT 40MIN

RAROTONGA CK 21.2S 159.8W 1354Z 0.17M / 0.6FT 04MIN

PAPEETE TAHITI 17.5S 149.6W 1210Z 0.24M / 0.8FT 22MIN

HUAHINE PF 16.7S 151.0W 1108Z 0.15M / 0.5FT 10MIN

SUVA VITI LEVU FJ 18.1S 178.4E 1117Z 0.07M / 0.2FT 22MIN

RIKITEA PF 23.1S 135.0W 1312Z 0.06M / 0.2FT 22MIN

NUKUALOFA TO 21.1S 175.2W 1122Z 0.17M / 0.5FT 52MIN

HIVA OA MARQUESAS 9.8S 139.0W 1239Z 0.52M / 1.7FT 22MIN

PUERTO VALLARTA MX 20.7N 105.2W 1258Z 0.16M / 0.5FT 08MIN

LITZLITZ VU 16.1S 167.4E 1003Z 0.34M / 1.1FT 52MIN

OUVEA NEW CALEDONIA 20.5S 166.6E 1057Z 0.14M / 0.4FT 30MIN

HIENGHENE NEW CALED 20.7S 164.9E 1052Z 0.34M / 1.1FT 28MIN

HONIARA SB 9.4S 160.0E 1000Z 0.10M / 0.3FT 46MIN

ALOFI NU 19.1S 169.9W 1022Z 0.12M / 0.4FT 20MIN

VANUATU 17.8S 168.3E 1044Z 0.42M / 1.4FT 16MIN

ARENA COVE CA 38.9N 123.7W 0923Z 0.79M / 2.6FT 06MIN

MONTEREY HARBOR CA 36.6N 121.9W 0810Z 0.35M / 1.2FT 38MIN

PORT SAN LUIS CA 35.2N 120.8W 0933Z 0.86M / 2.8FT 18MIN

SANTA BARBARA CA 34.4N 119.7W 0947Z 0.33M / 1.1FT 14MIN

OFF OREGON COAST 45.8N 129.7W 0606Z 0.06M / 0.2FT 52MIN

OFU AS 14.2S 169.7W 0941Z 0.19M / 0.6FT 20MIN

CHARLESTON OR 43.3N 124.3W 0854Z 0.21M / 0.7FT 20MIN

LA PUSH WA 47.9N 124.6W 0741Z 0.23M / 0.8FT 34MIN

LUGANVILLE VU 15.5S 167.2E 0958Z 0.21M / 0.7FT 52MIN

AUNUU AS 14.3S 170.6W 0944Z 0.28M / 0.9FT 12MIN

AUASI AS 14.3S 170.6W 0944Z 0.29M / 0.9FT 10MIN

TAREKUKURE WHARF SB 6.7S 156.4E 0838Z 0.41M / 1.4FT 32MIN

LOMBRUM MANUS IS PG 2.0S 147.4E 0753Z 0.25M / 0.8FT 60MIN

CRESCENT CITY CA 41.7N 124.2W 0930Z 1.12M / 3.7FT 22MIN

HANASAKI HOKKAIDO J 43.3N 145.6E 0544Z 0.79M / 2.6FT 40MIN

APIA UPOLU WS 13.8S 171.8W 0943Z 0.70M / 2.3FT 18MIN

PAGO PAGO AS 14.3S 170.7W 0929Z 0.25M / 0.8FT 20MIN

DART 51425 9.5S 176.2W 0815Z 0.04M / 0.1FT 18MIN

HONOKOHAU HI USA 19.7N 156.0W 0741Z 0.11M / 0.4FT 10MIN

KAWAIHAE HAWAII 20.0N 155.8W 0719Z 0.37M / 1.2FT 14MIN

DEKEHTIK POHNPEI FM 7.0N 158.2E 0634Z 0.10M / 0.3FT 20MIN

DART 52402 11.9N 153.9E 0507Z 0.06M / 0.2FT 44MIN

KAUNAKAKAI US 21.1N 157.0W 0620Z 0.23M / 0.8FT 30MIN

PAGO BAY GUAM US 13.4N 144.8E 0707Z 0.15M / 0.5FT 10MIN

HONOLULU OAHU 21.3N 157.9W 0658Z 0.33M / 1.1FT 16MIN

KAHULUI MAUI 20.9N 156.5W 0609Z 1.74M / 5.7FT 34MIN

DUTCH HBR UNALASKA 53.9N 166.5W 0406Z 0.32M / 1.0FT 72MIN

ATKA AK 52.2N 174.2W 0430Z 0.55M / 1.8FT 38MIN

NIKOLSKI AK 52.9N 168.9W 0548Z 0.41M / 1.3FT 42MIN

BARBERS PT HI 21.3N 158.1W 0638Z 0.19M / 0.6FT 04MIN

HEEIA HI USA 21.4N 157.8W 0558Z 0.12M / 0.4FT 20MIN

WAKKANI JP 45.4N 141.7E 0610Z 0.23M / 0.8FT 56MIN

PORT ALLEN HI USA 21.9N 159.6W 0630Z 0.42M / 1.4FT 10MIN

CHICHIJIMA JP 27.1N 142.2E 0627Z 0.49M / 1.6FT 18MIN

WAIANAE HI USA 21.5N 158.2W 0622Z 0.37M / 1.2FT 10MIN

HILO HAWAII 19.7N 155.1W 0623Z 1.50M / 4.9FT 14MIN

HANALEI HI 22.2N 159.5W 0548Z 1.17M / 3.9FT 12MIN

KEEHI HI USA 21.3N 157.9W 0612Z 0.19M / 0.6FT 34MIN

MAKAPU'U HI 21.3N 157.7W 0604Z 0.70M / 2.3FT 14MIN

HALEIWA HI 21.6N 158.1W 0548Z 1.21M / 4.0FT 12MIN

NAWILIWILI KAUAI 22.0N 159.4W 0536Z 0.23M / 0.8FT 14MIN

NAWILIWILI HI 22.0N 159.4W 0537Z 0.23M / 0.7FT 12MIN

HANALEI HI USA 22.2N 159.5W 0533Z 0.90M / 3.0FT 20MIN

WAKE US 19.3N 166.6E 0350Z 0.22M / 0.7FT 14MIN

MERA JP 34.9N 139.8E 0510Z 0.32M / 1.1FT 24MIN

APRA HARBOR GUAM US 13.4N 144.7E 0442Z 0.12M / 0.4FT 56MIN

SAIPAN US 15.2N 145.7E 0456Z 0.23M / 0.7FT 60MIN

MIDWAY 28.2N 177.4W 0400Z 0.96M / 3.1FT 08MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL

MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

TSUNAMI WAVES THAT CAN BE A HAZARD TO SWIMMERS AND BOATERS AS

WELL AS TO PERSONS NEAR THE SHORE AT BEACHES AND IN HARBORS AND

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CONTINUE FOR SEVERAL HOURS. THE SITUATION IS BEING MONITORED

CLOSELY AND THE ADVISORY WILL END WHEN THE HAZARD HAS PASSED.

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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TSUNAMI MESSAGE NUMBER 18

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

740 AM HST WED JUL 30 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI ADVISORY SUPPLEMENT

A TSUNAMI ADVISORY CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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FARE UTE TAHITI 17.5S 149.6W 1210Z 0.23M / 0.7FT 18MIN

PAPEETE TAHITI 17.5S 149.6W 1210Z 0.24M / 0.8FT 22MIN

SALINA CRUZ MX 16.2N 95.2W 1408Z 0.23M / 0.8FT 54MIN

EASTER CL 27.2S 109.4W 1655Z 0.38M / 1.2FT 06MIN

TOSASHIMIZU SHIKOKU 32.8N 133.0E 1608Z 0.49M / 1.6FT 22MIN

OFUNATO HONSHU JP 39.0N 141.8E 0507Z 0.27M / 0.9FT 10MIN

DART401003 23.4S 173.4W 1217Z 0.02M / 0.1FT 16MIN

ZIHUATANEJO MX 17.6N 101.6W 1417Z 0.25M / 0.8FT 06MIN

MANZANILLO MX 19.1N 104.3W 1303Z 0.53M / 1.7FT 42MIN

SAND POINT AK 55.3N 160.5W 1432Z 0.24M / 0.8FT 26MIN

TOFINO CA 49.2N 125.9W 1142Z 0.22M / 0.7FT 22MIN

SOUTH BEACH OR 44.6N 124.0W 1131Z 0.21M / 0.7FT 16MIN

CRESCENT CITY CA 41.7N 124.2W 1305Z 1.13M / 3.7FT 22MIN

WINTER HARBOUR CA 50.5N 128.0W 0709Z 0.27M / 0.9FT 42MIN

BALTRA GALAPAGS EC 0.4S 90.3W 1621Z 1.04M / 3.4FT 18MIN

SANTACRUZ GALAPAGOS 0.7S 90.3W 1542Z 0.40M / 1.3FT 40MIN

RAROTONGA CK 21.2S 159.8W 1354Z 0.17M / 0.6FT 04MIN

HUAHINE PF 16.7S 151.0W 1108Z 0.15M / 0.5FT 10MIN

SUVA VITI LEVU FJ 18.1S 178.4E 1117Z 0.07M / 0.2FT 22MIN

RIKITEA PF 23.1S 135.0W 1312Z 0.06M / 0.2FT 22MIN

NUKUALOFA TO 21.1S 175.2W 1122Z 0.17M / 0.5FT 52MIN

HIVA OA MARQUESAS 9.8S 139.0W 1239Z 0.52M / 1.7FT 22MIN

PUERTO VALLARTA MX 20.7N 105.2W 1258Z 0.16M / 0.5FT 08MIN

LITZLITZ VU 16.1S 167.4E 1003Z 0.34M / 1.1FT 52MIN

OUVEA NEW CALEDONIA 20.5S 166.6E 1057Z 0.14M / 0.4FT 30MIN

HIENGHENE NEW CALED 20.7S 164.9E 1052Z 0.34M / 1.1FT 28MIN

HONIARA SB 9.4S 160.0E 1000Z 0.10M / 0.3FT 46MIN

ALOFI NU 19.1S 169.9W 1022Z 0.12M / 0.4FT 20MIN

VANUATU 17.8S 168.3E 1044Z 0.42M / 1.4FT 16MIN

ARENA COVE CA 38.9N 123.7W 0923Z 0.79M / 2.6FT 06MIN

MONTEREY HARBOR CA 36.6N 121.9W 0810Z 0.35M / 1.2FT 38MIN

PORT SAN LUIS CA 35.2N 120.8W 0933Z 0.86M / 2.8FT 18MIN

SANTA BARBARA CA 34.4N 119.7W 0947Z 0.33M / 1.1FT 14MIN

OFF OREGON COAST 45.8N 129.7W 0606Z 0.06M / 0.2FT 52MIN

OFU AS 14.2S 169.7W 0941Z 0.19M / 0.6FT 20MIN

CHARLESTON OR 43.3N 124.3W 0854Z 0.21M / 0.7FT 20MIN

LA PUSH WA 47.9N 124.6W 0741Z 0.23M / 0.8FT 34MIN

LUGANVILLE VU 15.5S 167.2E 0958Z 0.21M / 0.7FT 52MIN

AUNUU AS 14.3S 170.6W 0944Z 0.28M / 0.9FT 12MIN

AUASI AS 14.3S 170.6W 0944Z 0.29M / 0.9FT 10MIN

TAREKUKURE WHARF SB 6.7S 156.4E 0838Z 0.41M / 1.4FT 32MIN

LOMBRUM MANUS IS PG 2.0S 147.4E 0753Z 0.25M / 0.8FT 60MIN

HANASAKI HOKKAIDO J 43.3N 145.6E 0544Z 0.79M / 2.6FT 40MIN

APIA UPOLU WS 13.8S 171.8W 0943Z 0.70M / 2.3FT 18MIN

PAGO PAGO AS 14.3S 170.7W 0929Z 0.25M / 0.8FT 20MIN

DART 51425 9.5S 176.2W 0815Z 0.04M / 0.1FT 18MIN

HONOKOHAU HI USA 19.7N 156.0W 0741Z 0.11M / 0.4FT 10MIN

KAWAIHAE HAWAII 20.0N 155.8W 0719Z 0.37M / 1.2FT 14MIN

DEKEHTIK POHNPEI FM 7.0N 158.2E 0634Z 0.10M / 0.3FT 20MIN

DART 52402 11.9N 153.9E 0507Z 0.06M / 0.2FT 44MIN

KAUNAKAKAI US 21.1N 157.0W 0620Z 0.23M / 0.8FT 30MIN

PAGO BAY GUAM US 13.4N 144.8E 0707Z 0.15M / 0.5FT 10MIN

HONOLULU OAHU 21.3N 157.9W 0658Z 0.33M / 1.1FT 16MIN

KAHULUI MAUI 20.9N 156.5W 0609Z 1.74M / 5.7FT 34MIN

DUTCH HBR UNALASKA 53.9N 166.5W 0406Z 0.32M / 1.0FT 72MIN

ATKA AK 52.2N 174.2W 0430Z 0.55M / 1.8FT 38MIN

NIKOLSKI AK 52.9N 168.9W 0548Z 0.41M / 1.3FT 42MIN

BARBERS PT HI 21.3N 158.1W 0638Z 0.19M / 0.6FT 04MIN

HEEIA HI USA 21.4N 157.8W 0558Z 0.12M / 0.4FT 20MIN

WAKKANI JP 45.4N 141.7E 0610Z 0.23M / 0.8FT 56MIN

PORT ALLEN HI USA 21.9N 159.6W 0630Z 0.42M / 1.4FT 10MIN

CHICHIJIMA JP 27.1N 142.2E 0627Z 0.49M / 1.6FT 18MIN

WAIANAE HI USA 21.5N 158.2W 0622Z 0.37M / 1.2FT 10MIN

HILO HAWAII 19.7N 155.1W 0623Z 1.50M / 4.9FT 14MIN

HANALEI HI 22.2N 159.5W 0548Z 1.17M / 3.9FT 12MIN

KEEHI HI USA 21.3N 157.9W 0612Z 0.19M / 0.6FT 34MIN

MAKAPU'U HI 21.3N 157.7W 0604Z 0.70M / 2.3FT 14MIN

HALEIWA HI 21.6N 158.1W 0548Z 1.21M / 4.0FT 12MIN

NAWILIWILI KAUAI 22.0N 159.4W 0536Z 0.23M / 0.8FT 14MIN

NAWILIWILI HI 22.0N 159.4W 0537Z 0.23M / 0.7FT 12MIN

HANALEI HI USA 22.2N 159.5W 0533Z 0.90M / 3.0FT 20MIN

WAKE US 19.3N 166.6E 0350Z 0.22M / 0.7FT 14MIN

MERA JP 34.9N 139.8E 0510Z 0.32M / 1.1FT 24MIN

APRA HARBOR GUAM US 13.4N 144.7E 0442Z 0.12M / 0.4FT 56MIN

SAIPAN US 15.2N 145.7E 0456Z 0.23M / 0.7FT 60MIN

MIDWAY 28.2N 177.4W 0400Z 0.96M / 3.1FT 08MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL

MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

TSUNAMI WAVES THAT CAN BE A HAZARD TO SWIMMERS AND BOATERS AS

WELL AS TO PERSONS NEAR THE SHORE AT BEACHES AND IN HARBORS AND

MARINAS ARE NOW AFFECTING THE STATE OF HAWAII. THIS HAZARD COULD

CONTINUE FOR SEVERAL HOURS. THE SITUATION IS BEING MONITORED

CLOSELY AND THE ADVISORY WILL END WHEN THE HAZARD HAS PASSED.

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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TSUNAMI MESSAGE NUMBER 19

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

839 AM HST WED JUL 30 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - TSUNAMI ADVISORY SUPPLEMENT

A TSUNAMI ADVISORY CONTINUES IN EFFECT FOR THE STATE OF HAWAII.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

MEASUREMENTS OR REPORTS OF TSUNAMI WAVE ACTIVITY

GAUGE LOCATION LAT LON TIME AMPL PER

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CALLAO LA-PUNTA PE 12.1S 77.2W 1811Z 0.24M / 0.8FT 48MIN

OUINNE NEW CALEDONI 22.0S 166.7E 1510Z 0.27M / 0.9FT 14MIN

VANUATU 17.8S 168.3E 1101Z 0.45M / 1.5FT 22MIN

OUVEA NEW CALEDONIA 20.5S 166.6E 1321Z 0.18M / 0.6FT 24MIN

LUGANVILLE VU 15.5S 167.2E 1309Z 0.42M / 1.4FT 28MIN

PORT TAURANGA NZ 37.6S 176.2E 1622Z 0.16M / 0.5FT 46MIN

OWENGA CHATHAM NZ 44.0S 176.4W 1724Z 0.34M / 1.1FT 26MIN

FARE UTE TAHITI 17.5S 149.6W 1210Z 0.23M / 0.7FT 18MIN

PAPEETE TAHITI 17.5S 149.6W 1210Z 0.24M / 0.8FT 22MIN

SALINA CRUZ MX 16.2N 95.2W 1408Z 0.23M / 0.8FT 54MIN

EASTER CL 27.2S 109.4W 1655Z 0.38M / 1.2FT 06MIN

TOSASHIMIZU SHIKOKU 32.8N 133.0E 1608Z 0.49M / 1.6FT 22MIN

OFUNATO HONSHU JP 39.0N 141.8E 0507Z 0.27M / 0.9FT 10MIN

DART401003 23.4S 173.4W 1217Z 0.02M / 0.1FT 16MIN

ZIHUATANEJO MX 17.6N 101.6W 1417Z 0.25M / 0.8FT 06MIN

MANZANILLO MX 19.1N 104.3W 1303Z 0.53M / 1.7FT 42MIN

SAND POINT AK 55.3N 160.5W 1432Z 0.24M / 0.8FT 26MIN

TOFINO CA 49.2N 125.9W 1142Z 0.22M / 0.7FT 22MIN

SOUTH BEACH OR 44.6N 124.0W 1131Z 0.21M / 0.7FT 16MIN

CRESCENT CITY CA 41.7N 124.2W 1305Z 1.13M / 3.7FT 22MIN

WINTER HARBOUR CA 50.5N 128.0W 0709Z 0.27M / 0.9FT 42MIN

BALTRA GALAPAGS EC 0.4S 90.3W 1621Z 1.04M / 3.4FT 18MIN

SANTACRUZ GALAPAGOS 0.7S 90.3W 1542Z 0.40M / 1.3FT 40MIN

RAROTONGA CK 21.2S 159.8W 1354Z 0.17M / 0.6FT 04MIN

HUAHINE PF 16.7S 151.0W 1108Z 0.15M / 0.5FT 10MIN

SUVA VITI LEVU FJ 18.1S 178.4E 1117Z 0.07M / 0.2FT 22MIN

RIKITEA PF 23.1S 135.0W 1312Z 0.06M / 0.2FT 22MIN

NUKUALOFA TO 21.1S 175.2W 1122Z 0.17M / 0.5FT 52MIN

HIVA OA MARQUESAS 9.8S 139.0W 1239Z 0.52M / 1.7FT 22MIN

PUERTO VALLARTA MX 20.7N 105.2W 1258Z 0.16M / 0.5FT 08MIN

LITZLITZ VU 16.1S 167.4E 1003Z 0.34M / 1.1FT 52MIN

HIENGHENE NEW CALED 20.7S 164.9E 1052Z 0.34M / 1.1FT 28MIN

HONIARA SB 9.4S 160.0E 1000Z 0.10M / 0.3FT 46MIN

ALOFI NU 19.1S 169.9W 1022Z 0.12M / 0.4FT 20MIN

ARENA COVE CA 38.9N 123.7W 0923Z 0.79M / 2.6FT 06MIN

MONTEREY HARBOR CA 36.6N 121.9W 0810Z 0.35M / 1.2FT 38MIN

PORT SAN LUIS CA 35.2N 120.8W 0933Z 0.86M / 2.8FT 18MIN

SANTA BARBARA CA 34.4N 119.7W 0947Z 0.33M / 1.1FT 14MIN

OFF OREGON COAST 45.8N 129.7W 0606Z 0.06M / 0.2FT 52MIN

OFU AS 14.2S 169.7W 0941Z 0.19M / 0.6FT 20MIN

CHARLESTON OR 43.3N 124.3W 0854Z 0.21M / 0.7FT 20MIN

LA PUSH WA 47.9N 124.6W 0741Z 0.23M / 0.8FT 34MIN

AUNUU AS 14.3S 170.6W 0944Z 0.28M / 0.9FT 12MIN

AUASI AS 14.3S 170.6W 0944Z 0.29M / 0.9FT 10MIN

TAREKUKURE WHARF SB 6.7S 156.4E 0838Z 0.41M / 1.4FT 32MIN

LOMBRUM MANUS IS PG 2.0S 147.4E 0753Z 0.25M / 0.8FT 60MIN

HANASAKI HOKKAIDO J 43.3N 145.6E 0544Z 0.79M / 2.6FT 40MIN

APIA UPOLU WS 13.8S 171.8W 0943Z 0.70M / 2.3FT 18MIN

PAGO PAGO AS 14.3S 170.7W 0929Z 0.25M / 0.8FT 20MIN

DART 51425 9.5S 176.2W 0815Z 0.04M / 0.1FT 18MIN

HONOKOHAU HI USA 19.7N 156.0W 0741Z 0.11M / 0.4FT 10MIN

KAWAIHAE HAWAII 20.0N 155.8W 0719Z 0.37M / 1.2FT 14MIN

DEKEHTIK POHNPEI FM 7.0N 158.2E 0634Z 0.10M / 0.3FT 20MIN

DART 52402 11.9N 153.9E 0507Z 0.06M / 0.2FT 44MIN

KAUNAKAKAI US 21.1N 157.0W 0620Z 0.23M / 0.8FT 30MIN

PAGO BAY GUAM US 13.4N 144.8E 0707Z 0.15M / 0.5FT 10MIN

HONOLULU OAHU 21.3N 157.9W 0658Z 0.33M / 1.1FT 16MIN

KAHULUI MAUI 20.9N 156.5W 0609Z 1.74M / 5.7FT 34MIN

DUTCH HBR UNALASKA 53.9N 166.5W 0406Z 0.32M / 1.0FT 72MIN

ATKA AK 52.2N 174.2W 0430Z 0.55M / 1.8FT 38MIN

NIKOLSKI AK 52.9N 168.9W 0548Z 0.41M / 1.3FT 42MIN

BARBERS PT HI 21.3N 158.1W 0638Z 0.19M / 0.6FT 04MIN

HEEIA HI USA 21.4N 157.8W 0558Z 0.12M / 0.4FT 20MIN

WAKKANI JP 45.4N 141.7E 0610Z 0.23M / 0.8FT 56MIN

PORT ALLEN HI USA 21.9N 159.6W 0630Z 0.42M / 1.4FT 10MIN

CHICHIJIMA JP 27.1N 142.2E 0627Z 0.49M / 1.6FT 18MIN

WAIANAE HI USA 21.5N 158.2W 0622Z 0.37M / 1.2FT 10MIN

HILO HAWAII 19.7N 155.1W 0623Z 1.50M / 4.9FT 14MIN

HANALEI HI 22.2N 159.5W 0548Z 1.17M / 3.9FT 12MIN

KEEHI HI USA 21.3N 157.9W 0612Z 0.19M / 0.6FT 34MIN

MAKAPU'U HI 21.3N 157.7W 0604Z 0.70M / 2.3FT 14MIN

HALEIWA HI 21.6N 158.1W 0548Z 1.21M / 4.0FT 12MIN

NAWILIWILI KAUAI 22.0N 159.4W 0536Z 0.23M / 0.8FT 14MIN

NAWILIWILI HI 22.0N 159.4W 0537Z 0.23M / 0.7FT 12MIN

HANALEI HI USA 22.2N 159.5W 0533Z 0.90M / 3.0FT 20MIN

WAKE US 19.3N 166.6E 0350Z 0.22M / 0.7FT 14MIN

MERA JP 34.9N 139.8E 0510Z 0.32M / 1.1FT 24MIN

APRA HARBOR GUAM US 13.4N 144.7E 0442Z 0.12M / 0.4FT 56MIN

SAIPAN US 15.2N 145.7E 0456Z 0.23M / 0.7FT 60MIN

MIDWAY 28.2N 177.4W 0400Z 0.96M / 3.1FT 08MIN

DART 46413 48.0N 174.2W 0144Z 0.19M / 0.6FT 40MIN

KUSHIRO JP 43.0N 144.4E 0121Z 0.33M / 1.1FT 76MIN

DART 21415 50.2N 171.9E 0117Z 0.20M / 0.6FT 08MIN

DART 21414 49.0N 178.2E 0103Z 0.28M / 0.9FT 32MIN

DART 21416 48.1N 163.5E 0003Z 0.90M / 3.0FT 24MIN

LAT - LATITUDE (N-NORTH, S-SOUTH)

LON - LONGITUDE (E-EAST, W-WEST)

TIME - TIME OF THE MEASUREMENT (Z IS UTC IS GREENWICH TIME)

AMPL - TSUNAMI AMPLITUDE MEASURED RELATIVE TO NORMAL SEA LEVEL.

IT IS ...NOT... CREST-TO-TROUGH WAVE HEIGHT.

VALUES ARE GIVEN IN BOTH METERS(M) AND FEET(FT).

PER - PERIOD OF TIME IN MINUTES(MIN) FROM ONE WAVE TO THE NEXT.

NOTE - DART MEASUREMENTS ARE FROM THE DEEP OCEAN AND THEY

ARE GENERALLY MUCH SMALLER THAN WOULD BE COASTAL

MEASUREMENTS AT SIMILAR LOCATIONS.

EVALUATION

TSUNAMI WAVES THAT CAN BE A HAZARD TO SWIMMERS AND BOATERS AS

WELL AS TO PERSONS NEAR THE SHORE AT BEACHES AND IN HARBORS AND

MARINAS ARE NOW AFFECTING THE STATE OF HAWAII. THIS HAZARD COULD

CONTINUE FOR SEVERAL HOURS. THE SITUATION IS BEING MONITORED

CLOSELY AND THE ADVISORY WILL END WHEN THE HAZARD HAS PASSED.

FURTHER MESSAGES WILL BE ISSUED HOURLY OR SOONER AS CONDITIONS

WARRANT UNTIL THE THREAT TO HAWAII HAS PASSED.

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TSUNAMI MESSAGE NUMBER 20

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

859 AM HST WED JUL 30 2025

TO - EMERGENCY MANAGEMENT IN THE STATE OF HAWAII

SUBJECT - FINAL TSUNAMI ADVISORY

THE TSUNAMI ADVISORY IS ENDED FOR THE STATE OF HAWAII EFFECTIVE

AT 0858 AM HST.

AN EARTHQUAKE HAS OCCURRED WITH THESE PRELIMINARY PARAMETERS

ORIGIN TIME - 0125 PM HST 29 JUL 2025

COORDINATES - 52.2 NORTH 160.0 EAST

LOCATION - OFF THE EAST COAST OF KAMCHATKA RUSSIA

MAGNITUDE - 8.8 MOMENT

EVALUATION

TSUNAMI WAVE HEIGHTS ACROSS THE STATE OF HAWAII ARE NOW BELOW

ADVISORY LEVELS AND ARE CONTINUING TO DIMINISH. BASED ON ALL

AVAILABLE DATA THE PACIFIC TSUNAMI WARNING CENTER IS NOW

CANCELLING THE TSUNAMI ADVISORY. SMALL SEA LEVEL CHANGES AND

STRONG OR UNUSUAL CURRENTS MAY PERSIST FOR SEVERAL ADDITIONAL

HOURS IN SOME COASTAL AREAS AND APPROPRIATE CAUTION SHOULD BE

EXERCISED BY BOATERS AND SWIMMERS.

THIS WILL BE THE FINAL MESSAGE ISSUED FOR THIS EVENT UNLESS

ADDITIONAL DATA ARE RECEIVED.

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