TSUNAMI INFORMATION STATEMENT NUMBER 1

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

1234 PM SST TUE JUL 29 2025

...POSSIBLE TSUNAMI THREAT FROM A DISTANT EARTHQUAKE...

AUDIENCE

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EMERGENCY MANAGERS... MEDIA... GENERAL PUBLIC

EVALUATION

----------

\* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.0 OCCURRED

OFF THE EAST COAST OF KAMCHATKA, RUSSIA AT 1225 PM SST ON

TUESDAY JULY 29 2025.

\* THE TSUNAMI THREAT TO AMERICAN SAMOA FROM THIS EARTHQUAKE IS

STILL UNDER INVESTIGATION.

RECOMMENDED ACTIONS

-------------------

\* STAY ALERT FOR FURTHER INFORMATION. THERE IS THE POSSIBILITY

THAT A TSUNAMI WATCH... ADVISORY... OR WARNING COULD BE

ISSUED LATER FOR AMERICAN SAMOA.

POTENTIAL IMPACTS

-----------------

\* POTENTIAL TSUNAMI IMPACTS ARE STILL BEING EVALUATED.

\* IF THERE IS A TSUNAMI THREAT TO AMERICAN SAMOA... THE

EARLIEST IMPACTS WOULD BE AROUND 939 PM SST ON TUESDAY JULY

29 2025.

PRELIMINARY EARTHQUAKE PARAMETERS

---------------------------------

\* MAGNITUDE 8.0

\* ORIGIN TIME 1225 PM SST JUL 29 2025

\* COORDINATES 52.2 NORTH 160.0 EAST

\* DEPTH 46 MILES

\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

NEXT UPDATE AND ADDITIONAL INFORMATION

--------------------------------------

\* THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF

THE SITUATION WARRANTS.

\* FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND ON THE

INTERNET AT WWW.TSUNAMI.GOV.

\* AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S.

GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT

EARTHQUAKE.USGS.GOV.

$$

TSUNAMI INFORMATION STATEMENT NUMBER 2

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

118 PM SST TUE JUL 29 2025

...POSSIBLE TSUNAMI THREAT FROM A DISTANT EARTHQUAKE - UPDATE...

IN THIS MESSAGE ARE REVISED EARTHQUAKE PARAMETERS.

AUDIENCE

--------

EMERGENCY MANAGERS... MEDIA... GENERAL PUBLIC

EVALUATION

----------

\* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.7 OCCURRED

OFF THE EAST COAST OF KAMCHATKA, RUSSIA AT 1225 PM SST ON

TUESDAY JULY 29 2025.

\* THE TSUNAMI THREAT TO AMERICAN SAMOA FROM THIS EARTHQUAKE IS

STILL UNDER INVESTIGATION.

RECOMMENDED ACTIONS

-------------------

\* STAY ALERT FOR FURTHER INFORMATION. THERE IS THE POSSIBILITY

THAT A TSUNAMI WATCH... ADVISORY... OR WARNING COULD BE

ISSUED LATER FOR AMERICAN SAMOA.

POTENTIAL IMPACTS

-----------------

\* POTENTIAL TSUNAMI IMPACTS ARE STILL BEING EVALUATED.

\* IF THERE IS A TSUNAMI THREAT TO AMERICAN SAMOA... THE

EARLIEST IMPACTS WOULD BE AROUND 939 PM SST ON TUESDAY JULY

29 2025.

PRELIMINARY EARTHQUAKE PARAMETERS - UPDATED

-------------------------------------------

\* MAGNITUDE 8.7

\* ORIGIN TIME 1225 PM SST JUL 29 2025

\* COORDINATES 52.2 NORTH 160.0 EAST

\* DEPTH 46 MILES

\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

NEXT UPDATE AND ADDITIONAL INFORMATION

--------------------------------------

\* THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF

THE SITUATION WARRANTS.

\* FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND ON THE

INTERNET AT WWW.TSUNAMI.GOV.

\* AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S.

GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT

EARTHQUAKE.USGS.GOV.

$$

BULLETIN

TSUNAMI MESSAGE NUMBER 3

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

239 PM SST TUE JUL 29 2025

...A TSUNAMI ADVISORY IS NOW IN EFFECT FOR AMERICAN SAMOA...

IN THIS MESSAGE ARE REVISED ALERTS.

AUDIENCE

--------

EMERGENCY MANAGERS... MEDIA... GENERAL PUBLIC

EVALUATION

----------

\* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.7 OCCURRED

OFF THE EAST COAST OF KAMCHATKA, RUSSIA AT 1225 PM SST ON

TUESDAY JULY 29 2025.

\* A TSUNAMI WAS GENERATED BY THIS EARTHQUAKE. BASED ON ALL

AVAILABLE DATA... THERE IS A THREAT TO AMERICAN SAMOA OF SEA

LEVEL FLUCTUATIONS AND STRONG OCEAN CURRENTS THAT COULD BE A

HAZARD ALONG BEACHES... IN HARBORS... AND IN COASTAL WATERS.

\* THE EARLIEST ESTIMATED TIME THAT HAZARDOUS SEA LEVEL

FLUCTUATIONS AND STRONG OCEAN CURRENTS MAY BEGIN IN AMERICAN

SAMOA IS

939 PM SST ON TUESDAY JULY 29 2025

RECOMMENDED ACTIONS

-------------------

\* PERSONS IN THE OCEAN SHOULD GET OUT OF THE WATER. PERSONS

NEAR THE OCEAN SHOULD MOVE AWAY FROM BEACHES AND HARBORS.

\* FOLLOW ANY INSTRUCTIONS FROM GOVERNMENT AGENCIES.

ESTIMATED TIMES OF ARRIVAL

--------------------------

\* ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE

ARE GIVEN BELOW. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE

INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES

OF WAVES AND THE TIME BETWEEN WAVES CAN BE FIVE MINUTES TO

ONE HOUR.

LOCATION REGION COORDINATES ETA(SST)

----------------------------------------------------------

SWAINS ISLAND SWAINS 11.1S 171.1W 939 PM 07/29

FAGASA TUTUILA 14.3S 170.7W 1004 PM 07/29

AMANAVE TUTUILA 14.3S 170.8W 1004 PM 07/29

LEONE TUTUILA 14.3S 170.8W 1004 PM 07/29

FAGAMALO TUTUILA 14.3S 170.8W 1004 PM 07/29

VATIA TUTUILA 14.2S 170.7W 1005 PM 07/29

PAGO PAGO TUTUILA 14.3S 170.7W 1005 PM 07/29

AUMI TUTUILA 14.3S 170.7W 1005 PM 07/29

TAFUNA TUTUILA 14.3S 170.7W 1006 PM 07/29

AUNUU ISLAND AUNUU 14.3S 170.6W 1008 PM 07/29

TULA TUTUILA 14.3S 170.6W 1008 PM 07/29

MASEFAU TUTUILA 14.3S 170.6W 1008 PM 07/29

PAGAI TUTUILA 14.3S 170.6W 1008 PM 07/29

OFU ISLAND MANUA 14.2S 169.7W 1009 PM 07/29

OLESEGA ISLAND MANUA 14.2S 169.6W 1009 PM 07/29

TAU ISLAND MANUA 14.3S 169.5W 1011 PM 07/29

TSUNAMI OBSERVATIONS

--------------------

\* THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL

AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED

LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH

RESPECT TO THE TIDE LEVEL.

GAUGE TIME OF MAXIMUM WAVE

COORDINATES MEASURE TSUNAMI PERIOD

GAUGE LOCATION LAT LON (SST) HEIGHT (MIN)

-------------------------------------------------------------

DART 21414 49.0N 178.2E 203 PM 0.9FT/ 0.3M 32

DART 21416 48.1N 163.5E 103 PM 3.0FT/ 0.9M 24

POTENTIAL IMPACTS

-----------------

\* SEA LEVEL FLUCTUATIONS THAT ARE GENERALLY NO MORE THAN 3 FEET

ABOVE AND BELOW THE TIDE LEVEL.

\* MINOR FLOODING OF BEACH AND HARBOR AREAS.

\* STRONG AND UNUSUAL OCEAN CURRENTS IN HARBORS... BAYS... AND

OTHER NEAR SHORE WATERS.

\* THE HAZARD IS FORECAST TO BEGIN AROUND 939 PM SST ON TUESDAY

JULY 29 AND IT CAN PERSIST FOR MANY HOURS OR LONGER.

PRELIMINARY EARTHQUAKE PARAMETERS

---------------------------------

\* MAGNITUDE 8.7

\* ORIGIN TIME 1225 PM SST JUL 29 2025

\* COORDINATES 52.2 NORTH 160.0 EAST

\* DEPTH 46 MILES

\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

NEXT UPDATE AND ADDITIONAL INFORMATION

--------------------------------------

\* THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF

THE SITUATION WARRANTS.

\* FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND ON THE

INTERNET AT WWW.TSUNAMI.GOV.

\* AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S.

GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT

EARTHQUAKE.USGS.GOV.

$$

BULLETIN

TSUNAMI MESSAGE NUMBER 4

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

251 PM SST TUE JUL 29 2025

...THE TSUNAMI ADVISORY CONTINUES IN EFFECT FOR AMERICAN SAMOA...

AUDIENCE

--------

EMERGENCY MANAGERS... MEDIA... GENERAL PUBLIC

EVALUATION

----------

\* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.7 OCCURRED

OFF THE EAST COAST OF KAMCHATKA, RUSSIA AT 1225 PM SST ON

TUESDAY JULY 29 2025.

\* A TSUNAMI WAS GENERATED BY THIS EARTHQUAKE. BASED ON ALL

AVAILABLE DATA... THERE IS A THREAT TO AMERICAN SAMOA OF SEA

LEVEL FLUCTUATIONS AND STRONG OCEAN CURRENTS THAT COULD BE A

HAZARD ALONG BEACHES... IN HARBORS... AND IN COASTAL WATERS.

\* THE EARLIEST ESTIMATED TIME THAT HAZARDOUS SEA LEVEL

FLUCTUATIONS AND STRONG OCEAN CURRENTS MAY BEGIN IN AMERICAN

SAMOA IS

939 PM SST ON TUESDAY JULY 29 2025

RECOMMENDED ACTIONS

-------------------

\* PERSONS IN THE OCEAN SHOULD GET OUT OF THE WATER. PERSONS

NEAR THE OCEAN SHOULD MOVE AWAY FROM BEACHES AND HARBORS.

\* FOLLOW ANY INSTRUCTIONS FROM GOVERNMENT AGENCIES.

ESTIMATED TIMES OF ARRIVAL

--------------------------

\* ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE

ARE GIVEN BELOW. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE

INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES

OF WAVES AND THE TIME BETWEEN WAVES CAN BE FIVE MINUTES TO

ONE HOUR.

LOCATION REGION COORDINATES ETA(SST)

----------------------------------------------------------

SWAINS ISLAND SWAINS 11.1S 171.1W 939 PM 07/29

FAGASA TUTUILA 14.3S 170.7W 1004 PM 07/29

AMANAVE TUTUILA 14.3S 170.8W 1004 PM 07/29

LEONE TUTUILA 14.3S 170.8W 1004 PM 07/29

FAGAMALO TUTUILA 14.3S 170.8W 1004 PM 07/29

VATIA TUTUILA 14.2S 170.7W 1005 PM 07/29

PAGO PAGO TUTUILA 14.3S 170.7W 1005 PM 07/29

AUMI TUTUILA 14.3S 170.7W 1005 PM 07/29

TAFUNA TUTUILA 14.3S 170.7W 1006 PM 07/29

AUNUU ISLAND AUNUU 14.3S 170.6W 1008 PM 07/29

TULA TUTUILA 14.3S 170.6W 1008 PM 07/29

MASEFAU TUTUILA 14.3S 170.6W 1008 PM 07/29

PAGAI TUTUILA 14.3S 170.6W 1008 PM 07/29

OFU ISLAND MANUA 14.2S 169.7W 1009 PM 07/29

OLESEGA ISLAND MANUA 14.2S 169.6W 1009 PM 07/29

TAU ISLAND MANUA 14.3S 169.5W 1011 PM 07/29

TSUNAMI OBSERVATIONS

--------------------

\* THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL

AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED

LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH

RESPECT TO THE TIDE LEVEL.

GAUGE TIME OF MAXIMUM WAVE

COORDINATES MEASURE TSUNAMI PERIOD

GAUGE LOCATION LAT LON (SST) HEIGHT (MIN)

-------------------------------------------------------------

DART 21414 49.0N 178.2E 203 PM 0.9FT/ 0.3M 32

DART 21416 48.1N 163.5E 103 PM 3.0FT/ 0.9M 24

POTENTIAL IMPACTS

-----------------

\* SEA LEVEL FLUCTUATIONS THAT ARE GENERALLY NO MORE THAN 3 FEET

ABOVE AND BELOW THE TIDE LEVEL.

\* MINOR FLOODING OF BEACH AND HARBOR AREAS.

\* STRONG AND UNUSUAL OCEAN CURRENTS IN HARBORS... BAYS... AND

OTHER NEAR SHORE WATERS.

\* THE HAZARD IS FORECAST TO BEGIN AROUND 939 PM SST ON TUESDAY

JULY 29 AND IT CAN PERSIST FOR MANY HOURS OR LONGER.

PRELIMINARY EARTHQUAKE PARAMETERS

---------------------------------

\* MAGNITUDE 8.7

\* ORIGIN TIME 1225 PM SST JUL 29 2025

\* COORDINATES 52.2 NORTH 160.0 EAST

\* DEPTH 46 MILES

\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

NEXT UPDATE AND ADDITIONAL INFORMATION

--------------------------------------

\* THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF

THE SITUATION WARRANTS.

\* FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND ON THE

INTERNET AT WWW.TSUNAMI.GOV.

\* AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S.

GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT

EARTHQUAKE.USGS.GOV.

$$

BULLETIN

TSUNAMI MESSAGE NUMBER 5

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

412 PM SST TUE JUL 29 2025

...THE TSUNAMI ADVISORY CONTINUES IN EFFECT FOR AMERICAN SAMOA...

AUDIENCE

--------

EMERGENCY MANAGERS... MEDIA... GENERAL PUBLIC

EVALUATION

----------

\* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.7 OCCURRED

OFF THE EAST COAST OF KAMCHATKA, RUSSIA AT 1225 PM SST ON

TUESDAY JULY 29 2025.

\* A TSUNAMI WAS GENERATED BY THIS EARTHQUAKE. BASED ON ALL

AVAILABLE DATA... THERE IS A THREAT TO AMERICAN SAMOA OF SEA

LEVEL FLUCTUATIONS AND STRONG OCEAN CURRENTS THAT COULD BE A

HAZARD ALONG BEACHES... IN HARBORS... AND IN COASTAL WATERS.

\* THE EARLIEST ESTIMATED TIME THAT HAZARDOUS SEA LEVEL

FLUCTUATIONS AND STRONG OCEAN CURRENTS MAY BEGIN IN AMERICAN

SAMOA IS

939 PM SST ON TUESDAY JULY 29 2025

RECOMMENDED ACTIONS

-------------------

\* PERSONS IN THE OCEAN SHOULD GET OUT OF THE WATER. PERSONS

NEAR THE OCEAN SHOULD MOVE AWAY FROM BEACHES AND HARBORS.

\* FOLLOW ANY INSTRUCTIONS FROM GOVERNMENT AGENCIES.

ESTIMATED TIMES OF ARRIVAL

--------------------------

\* ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE

ARE GIVEN BELOW. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE

INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES

OF WAVES AND THE TIME BETWEEN WAVES CAN BE FIVE MINUTES TO

ONE HOUR.

LOCATION REGION COORDINATES ETA(SST)

----------------------------------------------------------

SWAINS ISLAND SWAINS 11.1S 171.1W 939 PM 07/29

FAGASA TUTUILA 14.3S 170.7W 1004 PM 07/29

AMANAVE TUTUILA 14.3S 170.8W 1004 PM 07/29

LEONE TUTUILA 14.3S 170.8W 1004 PM 07/29

FAGAMALO TUTUILA 14.3S 170.8W 1004 PM 07/29

VATIA TUTUILA 14.2S 170.7W 1005 PM 07/29

PAGO PAGO TUTUILA 14.3S 170.7W 1005 PM 07/29

AUMI TUTUILA 14.3S 170.7W 1005 PM 07/29

TAFUNA TUTUILA 14.3S 170.7W 1006 PM 07/29

AUNUU ISLAND AUNUU 14.3S 170.6W 1008 PM 07/29

TULA TUTUILA 14.3S 170.6W 1008 PM 07/29

MASEFAU TUTUILA 14.3S 170.6W 1008 PM 07/29

PAGAI TUTUILA 14.3S 170.6W 1008 PM 07/29

OFU ISLAND MANUA 14.2S 169.7W 1009 PM 07/29

OLESEGA ISLAND MANUA 14.2S 169.6W 1009 PM 07/29

TAU ISLAND MANUA 14.3S 169.5W 1011 PM 07/29

TSUNAMI OBSERVATIONS

--------------------

\* THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL

AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED

LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH

RESPECT TO THE TIDE LEVEL.

GAUGE TIME OF MAXIMUM WAVE

COORDINATES MEASURE TSUNAMI PERIOD

GAUGE LOCATION LAT LON (SST) HEIGHT (MIN)

-------------------------------------------------------------

HANASAKI HOKKAIDO J 43.3N 145.6E 258 PM 1.0FT/ 0.3M 58

DART 46413 48.0N 174.2W 244 PM 0.6FT/ 0.2M 40

KUSHIRO JP 43.0N 144.4E 221 PM 1.1FT/ 0.3M 76

DART 21415 50.2N 171.9E 217 PM 0.6FT/ 0.2M 08

DART 21414 49.0N 178.2E 203 PM 0.9FT/ 0.3M 32

DART 21416 48.1N 163.5E 103 PM 3.0FT/ 0.9M 24

POTENTIAL IMPACTS

-----------------

\* SEA LEVEL FLUCTUATIONS THAT ARE GENERALLY NO MORE THAN 3 FEET

ABOVE AND BELOW THE TIDE LEVEL.

\* MINOR FLOODING OF BEACH AND HARBOR AREAS.

\* STRONG AND UNUSUAL OCEAN CURRENTS IN HARBORS... BAYS... AND

OTHER NEAR SHORE WATERS.

\* THE HAZARD IS FORECAST TO BEGIN AROUND 939 PM SST ON TUESDAY

JULY 29 AND IT CAN PERSIST FOR MANY HOURS OR LONGER.

PRELIMINARY EARTHQUAKE PARAMETERS

---------------------------------

\* MAGNITUDE 8.7

\* ORIGIN TIME 1225 PM SST JUL 29 2025

\* COORDINATES 52.2 NORTH 160.0 EAST

\* DEPTH 46 MILES

\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

NEXT UPDATE AND ADDITIONAL INFORMATION

--------------------------------------

\* THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF

THE SITUATION WARRANTS.

\* FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND ON THE

INTERNET AT WWW.TSUNAMI.GOV.

\* AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S.

GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT

EARTHQUAKE.USGS.GOV.

$$

BULLETIN

TSUNAMI MESSAGE NUMBER 6

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

604 PM SST TUE JUL 29 2025

...THE TSUNAMI ADVISORY CONTINUES IN EFFECT FOR AMERICAN SAMOA...

AUDIENCE

--------

EMERGENCY MANAGERS... MEDIA... GENERAL PUBLIC

EVALUATION

----------

\* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.7 OCCURRED

OFF THE EAST COAST OF KAMCHATKA, RUSSIA AT 1225 PM SST ON

TUESDAY JULY 29 2025.

\* A TSUNAMI WAS GENERATED BY THIS EARTHQUAKE. BASED ON ALL

AVAILABLE DATA... THERE IS A THREAT TO AMERICAN SAMOA OF SEA

LEVEL FLUCTUATIONS AND STRONG OCEAN CURRENTS THAT COULD BE A

HAZARD ALONG BEACHES... IN HARBORS... AND IN COASTAL WATERS.

\* THE EARLIEST ESTIMATED TIME THAT HAZARDOUS SEA LEVEL

FLUCTUATIONS AND STRONG OCEAN CURRENTS MAY BEGIN IN AMERICAN

SAMOA IS

939 PM SST ON TUESDAY JULY 29 2025

RECOMMENDED ACTIONS

-------------------

\* PERSONS IN THE OCEAN SHOULD GET OUT OF THE WATER. PERSONS

NEAR THE OCEAN SHOULD MOVE AWAY FROM BEACHES AND HARBORS.

\* FOLLOW ANY INSTRUCTIONS FROM GOVERNMENT AGENCIES.

ESTIMATED TIMES OF ARRIVAL

--------------------------

\* ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE

ARE GIVEN BELOW. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE

INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES

OF WAVES AND THE TIME BETWEEN WAVES CAN BE FIVE MINUTES TO

ONE HOUR.

LOCATION REGION COORDINATES ETA(SST)

----------------------------------------------------------

SWAINS ISLAND SWAINS 11.1S 171.1W 939 PM 07/29

FAGASA TUTUILA 14.3S 170.7W 1004 PM 07/29

AMANAVE TUTUILA 14.3S 170.8W 1004 PM 07/29

LEONE TUTUILA 14.3S 170.8W 1004 PM 07/29

FAGAMALO TUTUILA 14.3S 170.8W 1004 PM 07/29

VATIA TUTUILA 14.2S 170.7W 1005 PM 07/29

PAGO PAGO TUTUILA 14.3S 170.7W 1005 PM 07/29

AUMI TUTUILA 14.3S 170.7W 1005 PM 07/29

TAFUNA TUTUILA 14.3S 170.7W 1006 PM 07/29

AUNUU ISLAND AUNUU 14.3S 170.6W 1008 PM 07/29

TULA TUTUILA 14.3S 170.6W 1008 PM 07/29

MASEFAU TUTUILA 14.3S 170.6W 1008 PM 07/29

PAGAI TUTUILA 14.3S 170.6W 1008 PM 07/29

OFU ISLAND MANUA 14.2S 169.7W 1009 PM 07/29

OLESEGA ISLAND MANUA 14.2S 169.6W 1009 PM 07/29

TAU ISLAND MANUA 14.3S 169.5W 1011 PM 07/29

TSUNAMI OBSERVATIONS

--------------------

\* THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL

AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED

LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH

RESPECT TO THE TIDE LEVEL.

GAUGE TIME OF MAXIMUM WAVE

COORDINATES MEASURE TSUNAMI PERIOD

GAUGE LOCATION LAT LON (SST) HEIGHT (MIN)

-------------------------------------------------------------

MIDWAY 28.2N 177.4W 500 PM 3.1FT/ 1.0M 08

CHICHIJIMA JP 27.1N 142.2E 457 PM 1.0FT/ 0.3M 16

WAKE US 19.3N 166.6E 502 PM 0.7FT/ 0.2M 14

ATKA AK 52.2N 174.2W 422 PM 1.0FT/ 0.3M 68

HANASAKI HOKKAIDO J 43.3N 145.6E 258 PM 1.0FT/ 0.3M 58

DART 46413 48.0N 174.2W 244 PM 0.6FT/ 0.2M 40

KUSHIRO JP 43.0N 144.4E 221 PM 1.1FT/ 0.3M 76

DART 21415 50.2N 171.9E 217 PM 0.6FT/ 0.2M 08

DART 21414 49.0N 178.2E 203 PM 0.9FT/ 0.3M 32

DART 21416 48.1N 163.5E 103 PM 3.0FT/ 0.9M 24

POTENTIAL IMPACTS

-----------------

\* SEA LEVEL FLUCTUATIONS THAT ARE GENERALLY NO MORE THAN 3 FEET

ABOVE AND BELOW THE TIDE LEVEL.

\* MINOR FLOODING OF BEACH AND HARBOR AREAS.

\* STRONG AND UNUSUAL OCEAN CURRENTS IN HARBORS... BAYS... AND

OTHER NEAR SHORE WATERS.

\* THE HAZARD IS FORECAST TO BEGIN AROUND 939 PM SST ON TUESDAY

JULY 29 AND IT CAN PERSIST FOR MANY HOURS OR LONGER.

PRELIMINARY EARTHQUAKE PARAMETERS

---------------------------------

\* MAGNITUDE 8.7

\* ORIGIN TIME 1225 PM SST JUL 29 2025

\* COORDINATES 52.2 NORTH 160.0 EAST

\* DEPTH 46 MILES

\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

NEXT UPDATE AND ADDITIONAL INFORMATION

--------------------------------------

\* THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF

THE SITUATION WARRANTS.

\* FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND ON THE

INTERNET AT WWW.TSUNAMI.GOV.

\* AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S.

GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT

EARTHQUAKE.USGS.GOV.

BULLETIN

TSUNAMI MESSAGE NUMBER 7

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

726 PM SST TUE JUL 29 2025

...THE TSUNAMI ADVISORY CONTINUES IN EFFECT FOR AMERICAN SAMOA...

IN THIS MESSAGE ARE REVISED EARTHQUAKE PARAMETERS.

AUDIENCE

--------

EMERGENCY MANAGERS... MEDIA... GENERAL PUBLIC

EVALUATION

----------

\* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.8 OCCURRED

OFF THE EAST COAST OF KAMCHATKA, RUSSIA AT 1225 PM SST ON

TUESDAY JULY 29 2025.

\* A TSUNAMI WAS GENERATED BY THIS EARTHQUAKE. BASED ON ALL

AVAILABLE DATA... THERE IS A THREAT TO AMERICAN SAMOA OF SEA

LEVEL FLUCTUATIONS AND STRONG OCEAN CURRENTS THAT COULD BE A

HAZARD ALONG BEACHES... IN HARBORS... AND IN COASTAL WATERS.

\* THE EARLIEST ESTIMATED TIME THAT HAZARDOUS SEA LEVEL

FLUCTUATIONS AND STRONG OCEAN CURRENTS MAY BEGIN IN AMERICAN

SAMOA IS

939 PM SST ON TUESDAY JULY 29 2025

RECOMMENDED ACTIONS

-------------------

\* PERSONS IN THE OCEAN SHOULD GET OUT OF THE WATER. PERSONS

NEAR THE OCEAN SHOULD MOVE AWAY FROM BEACHES AND HARBORS.

\* FOLLOW ANY INSTRUCTIONS FROM GOVERNMENT AGENCIES.

ESTIMATED TIMES OF ARRIVAL

--------------------------

\* ESTIMATED TIMES OF ARRIVAL -ETA- OF THE INITIAL TSUNAMI WAVE

ARE GIVEN BELOW. ACTUAL ARRIVAL TIMES MAY DIFFER AND THE

INITIAL WAVE MAY NOT BE THE LARGEST. A TSUNAMI IS A SERIES

OF WAVES AND THE TIME BETWEEN WAVES CAN BE FIVE MINUTES TO

ONE HOUR.

LOCATION REGION COORDINATES ETA(SST)

----------------------------------------------------------

SWAINS ISLAND SWAINS 11.1S 171.1W 939 PM 07/29

FAGASA TUTUILA 14.3S 170.7W 1004 PM 07/29

AMANAVE TUTUILA 14.3S 170.8W 1004 PM 07/29

LEONE TUTUILA 14.3S 170.8W 1004 PM 07/29

FAGAMALO TUTUILA 14.3S 170.8W 1004 PM 07/29

VATIA TUTUILA 14.2S 170.7W 1005 PM 07/29

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AUMI TUTUILA 14.3S 170.7W 1005 PM 07/29

TAFUNA TUTUILA 14.3S 170.7W 1006 PM 07/29

AUNUU ISLAND AUNUU 14.3S 170.6W 1008 PM 07/29

TULA TUTUILA 14.3S 170.6W 1008 PM 07/29

MASEFAU TUTUILA 14.3S 170.6W 1008 PM 07/29

PAGAI TUTUILA 14.3S 170.6W 1008 PM 07/29

OFU ISLAND MANUA 14.2S 169.7W 1009 PM 07/29

OLESEGA ISLAND MANUA 14.2S 169.6W 1009 PM 07/29

TAU ISLAND MANUA 14.3S 169.5W 1011 PM 07/29

TSUNAMI OBSERVATIONS

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\* THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL

AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED

LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH

RESPECT TO THE TIDE LEVEL.

GAUGE TIME OF MAXIMUM WAVE

COORDINATES MEASURE TSUNAMI PERIOD

GAUGE LOCATION LAT LON (SST) HEIGHT (MIN)

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KEEHI HI USA 21.3N 157.9W 712 PM 0.6FT/ 0.2M 34

MAKAPU'U HI 21.3N 157.7W 704 PM 2.3FT/ 0.7M 14

KAHULUI MAUI 20.9N 156.5W 645 PM 4.0FT/ 1.2M 60

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SAIPAN US 15.2N 145.7E 556 PM 0.7FT/ 0.2M 60

MIDWAY 28.2N 177.4W 500 PM 3.1FT/ 1.0M 08

CHICHIJIMA JP 27.1N 142.2E 457 PM 1.0FT/ 0.3M 16

ATKA AK 52.2N 174.2W 422 PM 1.0FT/ 0.3M 68

HANASAKI HOKKAIDO J 43.3N 145.6E 258 PM 1.0FT/ 0.3M 58

DART 46413 48.0N 174.2W 244 PM 0.6FT/ 0.2M 40

KUSHIRO JP 43.0N 144.4E 221 PM 1.1FT/ 0.3M 76

DART 21415 50.2N 171.9E 217 PM 0.6FT/ 0.2M 08

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DART 21416 48.1N 163.5E 103 PM 3.0FT/ 0.9M 24

POTENTIAL IMPACTS

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\* SEA LEVEL FLUCTUATIONS THAT ARE GENERALLY NO MORE THAN 3 FEET

ABOVE AND BELOW THE TIDE LEVEL.

\* MINOR FLOODING OF BEACH AND HARBOR AREAS.

\* STRONG AND UNUSUAL OCEAN CURRENTS IN HARBORS... BAYS... AND

OTHER NEAR SHORE WATERS.

\* THE HAZARD IS FORECAST TO BEGIN AROUND 939 PM SST ON TUESDAY

JULY 29 AND IT CAN PERSIST FOR MANY HOURS OR LONGER.

PRELIMINARY EARTHQUAKE PARAMETERS - UPDATED

-------------------------------------------

\* MAGNITUDE 8.8

\* ORIGIN TIME 1225 PM SST JUL 29 2025

\* COORDINATES 52.2 NORTH 160.0 EAST

\* DEPTH 46 MILES

\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

NEXT UPDATE AND ADDITIONAL INFORMATION

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$$

BULLETIN

TSUNAMI MESSAGE NUMBER 8

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

828 PM SST TUE JUL 29 2025

...THE TSUNAMI ADVISORY CONTINUES IN EFFECT FOR AMERICAN SAMOA...

AUDIENCE

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EMERGENCY MANAGERS... MEDIA... GENERAL PUBLIC

EVALUATION

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\* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.8 OCCURRED

OFF THE EAST COAST OF KAMCHATKA, RUSSIA AT 1225 PM SST ON

TUESDAY JULY 29 2025.

\* A TSUNAMI WAS GENERATED BY THIS EARTHQUAKE. BASED ON ALL

AVAILABLE DATA... THERE IS A THREAT TO AMERICAN SAMOA OF SEA

LEVEL FLUCTUATIONS AND STRONG OCEAN CURRENTS THAT COULD BE A

HAZARD ALONG BEACHES... IN HARBORS... AND IN COASTAL WATERS.

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SAMOA IS

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ESTIMATED TIMES OF ARRIVAL

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LOCATION REGION COORDINATES ETA(SST)

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HONOLULU OAHU 21.3N 157.9W 758 PM 1.1FT/ 0.3M 16

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\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

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$$

BULLETIN

TSUNAMI MESSAGE NUMBER 9

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

939 PM SST TUE JUL 29 2025

...THE TSUNAMI ADVISORY CONTINUES IN EFFECT FOR AMERICAN SAMOA...

AUDIENCE

--------

EMERGENCY MANAGERS... MEDIA... GENERAL PUBLIC

EVALUATION

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GAUGE LOCATION LAT LON (SST) HEIGHT (MIN)

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KAWAIHAE HAWAII 20.0N 155.8W 819 PM 1.2FT/ 0.4M 14

DEKEHTIK POHNPEI FM 7.0N 158.2E 734 PM 0.3FT/ 0.1M 20

DART 52402 11.9N 153.9E 607 PM 0.2FT/ 0.1M 44

KAUNAKAKAI US 21.1N 157.0W 720 PM 0.8FT/ 0.2M 30

PAGO BAY GUAM US 13.4N 144.8E 807 PM 0.5FT/ 0.1M 10

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KAHULUI MAUI 20.9N 156.5W 709 PM 5.7FT/ 1.7M 34

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POTENTIAL IMPACTS

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PRELIMINARY EARTHQUAKE PARAMETERS

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\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

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BULLETIN

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NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

1039 PM SST TUE JUL 29 2025

...THE TSUNAMI ADVISORY CONTINUES IN EFFECT FOR AMERICAN SAMOA...

AUDIENCE

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EMERGENCY MANAGERS... MEDIA... GENERAL PUBLIC

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APIA UPOLU WS 13.8S 171.8W 1026 PM 1.1FT/ 0.3M 40

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DART 51425 9.5S 176.2W 915 PM 0.1FT/ 0.0M 18

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\* FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND ON THE

INTERNET AT WWW.TSUNAMI.GOV.

\* AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S.

GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT

EARTHQUAKE.USGS.GOV.

$$

BULLETIN

TSUNAMI MESSAGE NUMBER 11

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

1206 AM SST WED JUL 30 2025

...THE TSUNAMI ADVISORY CONTINUES IN EFFECT FOR AMERICAN SAMOA...

AUDIENCE

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EMERGENCY MANAGERS... MEDIA... GENERAL PUBLIC

EVALUATION

----------

\* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.8 OCCURRED

OFF THE EAST COAST OF KAMCHATKA, RUSSIA AT 1225 PM SST ON

TUESDAY JULY 29 2025.

\* BASED ON ALL AVAILABLE DATA... THERE IS A THREAT TO AMERICAN

SAMOA OF SEA LEVEL FLUCTUATIONS AND STRONG OCEAN CURRENTS

THAT COULD BE A HAZARD ALONG BEACHES... IN HARBORS... AND IN

COASTAL WATERS.

RECOMMENDED ACTIONS

-------------------

\* PERSONS IN THE OCEAN SHOULD GET OUT OF THE WATER. PERSONS

NEAR THE OCEAN SHOULD MOVE AWAY FROM BEACHES AND HARBORS.

\* FOLLOW ANY INSTRUCTIONS FROM GOVERNMENT AGENCIES.

TSUNAMI OBSERVATIONS

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\* THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL

AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED

LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH

RESPECT TO THE TIDE LEVEL.

GAUGE TIME OF MAXIMUM WAVE

COORDINATES MEASURE TSUNAMI PERIOD

GAUGE LOCATION LAT LON (SST) HEIGHT (MIN)

-------------------------------------------------------------

HONIARA SB 9.4S 160.0E 1100 PM 0.3FT/ 0.1M 46

ALOFI NU 19.1S 169.9W 1122 PM 0.4FT/ 0.1M 20

VANUATU 17.8S 168.3E 1144 PM 1.4FT/ 0.4M 16

ARENA COVE CA 38.9N 123.7W 1023 PM 2.6FT/ 0.8M 06

MONTEREY HARBOR CA 36.6N 121.9W 910 PM 1.2FT/ 0.4M 38

PORT SAN LUIS CA 35.2N 120.8W 1033 PM 2.8FT/ 0.9M 18

SANTA BARBARA CA 34.4N 119.7W 1047 PM 1.1FT/ 0.3M 14

OFF OREGON COAST 45.8N 129.7W 706 PM 0.2FT/ 0.1M 52

OFU AS 14.2S 169.7W 1041 PM 0.6FT/ 0.2M 20

CHARLESTON OR 43.3N 124.3W 954 PM 0.7FT/ 0.2M 20

LA PUSH WA 47.9N 124.6W 841 PM 0.8FT/ 0.2M 34

LITZLITZ VU 16.1S 167.4E 1103 PM 1.1FT/ 0.3M 52

LUGANVILLE VU 15.5S 167.2E 1058 PM 0.7FT/ 0.2M 52

AUNUU AS 14.3S 170.6W 1044 PM 0.9FT/ 0.3M 12

AUASI AS 14.3S 170.6W 1044 PM 0.9FT/ 0.3M 10

TAREKUKURE WHARF SB 6.7S 156.4E 938 PM 1.4FT/ 0.4M 32

LOMBRUM MANUS IS PG 2.0S 147.4E 853 PM 0.8FT/ 0.3M 60

CRESCENT CITY CA 41.7N 124.2W 1030 PM 3.7FT/ 1.1M 22

HANASAKI HOKKAIDO J 43.3N 145.6E 644 PM 2.6FT/ 0.8M 40

APIA UPOLU WS 13.8S 171.8W 1043 PM 2.3FT/ 0.7M 18

PAGO PAGO AS 14.3S 170.7W 1029 PM 0.8FT/ 0.3M 20

DART 51425 9.5S 176.2W 915 PM 0.1FT/ 0.0M 18

HONOKOHAU HI USA 19.7N 156.0W 841 PM 0.4FT/ 0.1M 10

KAWAIHAE HAWAII 20.0N 155.8W 819 PM 1.2FT/ 0.4M 14

DEKEHTIK POHNPEI FM 7.0N 158.2E 734 PM 0.3FT/ 0.1M 20

DART 52402 11.9N 153.9E 607 PM 0.2FT/ 0.1M 44

KAUNAKAKAI US 21.1N 157.0W 720 PM 0.8FT/ 0.2M 30

PAGO BAY GUAM US 13.4N 144.8E 807 PM 0.5FT/ 0.1M 10

HONOLULU OAHU 21.3N 157.9W 758 PM 1.1FT/ 0.3M 16

KAHULUI MAUI 20.9N 156.5W 709 PM 5.7FT/ 1.7M 34

DUTCH HBR UNALASKA 53.9N 166.5W 506 PM 1.0FT/ 0.3M 72

ATKA AK 52.2N 174.2W 530 PM 1.8FT/ 0.6M 38

NIKOLSKI AK 52.9N 168.9W 648 PM 1.3FT/ 0.4M 42

BARBERS PT HI 21.3N 158.1W 738 PM 0.6FT/ 0.2M 04

HEEIA HI USA 21.4N 157.8W 658 PM 0.4FT/ 0.1M 20

WAKKANI JP 45.4N 141.7E 710 PM 0.8FT/ 0.2M 56

PORT ALLEN HI USA 21.9N 159.6W 730 PM 1.4FT/ 0.4M 10

CHICHIJIMA JP 27.1N 142.2E 727 PM 1.6FT/ 0.5M 18

WAIANAE HI USA 21.5N 158.2W 722 PM 1.2FT/ 0.4M 10

HILO HAWAII 19.7N 155.1W 723 PM 4.9FT/ 1.5M 14

HANALEI HI 22.2N 159.5W 648 PM 3.9FT/ 1.2M 12

KEEHI HI USA 21.3N 157.9W 712 PM 0.6FT/ 0.2M 34

MAKAPU'U HI 21.3N 157.7W 704 PM 2.3FT/ 0.7M 14

HALEIWA HI 21.6N 158.1W 648 PM 4.0FT/ 1.2M 12

NAWILIWILI KAUAI 22.0N 159.4W 636 PM 0.8FT/ 0.2M 14

NAWILIWILI HI 22.0N 159.4W 637 PM 0.7FT/ 0.2M 12

HANALEI HI USA 22.2N 159.5W 633 PM 3.0FT/ 0.9M 20

WAKE US 19.3N 166.6E 450 PM 0.7FT/ 0.2M 14

MERA JP 34.9N 139.8E 610 PM 1.1FT/ 0.3M 24

APRA HARBOR GUAM US 13.4N 144.7E 542 PM 0.4FT/ 0.1M 56

SAIPAN US 15.2N 145.7E 556 PM 0.7FT/ 0.2M 60

MIDWAY 28.2N 177.4W 500 PM 3.1FT/ 1.0M 08

DART 46413 48.0N 174.2W 244 PM 0.6FT/ 0.2M 40

KUSHIRO JP 43.0N 144.4E 221 PM 1.1FT/ 0.3M 76

DART 21415 50.2N 171.9E 217 PM 0.6FT/ 0.2M 08

DART 21414 49.0N 178.2E 203 PM 0.9FT/ 0.3M 32

DART 21416 48.1N 163.5E 103 PM 3.0FT/ 0.9M 24

POTENTIAL IMPACTS

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\* SEA LEVEL FLUCTUATIONS THAT ARE GENERALLY NO MORE THAN 3 FEET

ABOVE AND BELOW THE TIDE LEVEL.

\* MINOR FLOODING OF BEACH AND HARBOR AREAS.

\* STRONG AND UNUSUAL OCEAN CURRENTS IN HARBORS... BAYS... AND

OTHER NEAR SHORE WATERS.

\* THE HAZARD BEGAN AROUND 939 PM SST ON TUESDAY JULY 29 AND IT

CAN PERSIST FOR MANY HOURS OR LONGER.

PRELIMINARY EARTHQUAKE PARAMETERS

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\* MAGNITUDE 8.8

\* ORIGIN TIME 1225 PM SST JUL 29 2025

\* COORDINATES 52.2 NORTH 160.0 EAST

\* DEPTH 46 MILES

\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

NEXT UPDATE AND ADDITIONAL INFORMATION

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\* THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF

THE SITUATION WARRANTS.

\* FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND ON THE

INTERNET AT WWW.TSUNAMI.GOV.

\* AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S.

GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT

EARTHQUAKE.USGS.GOV.

$$

BULLETIN

TSUNAMI MESSAGE NUMBER 12

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

111 AM SST WED JUL 30 2025

...THE TSUNAMI ADVISORY CONTINUES IN EFFECT FOR AMERICAN SAMOA...

AUDIENCE

--------

EMERGENCY MANAGERS... MEDIA... GENERAL PUBLIC

EVALUATION

----------

\* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.8 OCCURRED

OFF THE EAST COAST OF KAMCHATKA, RUSSIA AT 1225 PM SST ON

TUESDAY JULY 29 2025.

\* BASED ON ALL AVAILABLE DATA... THERE IS A THREAT TO AMERICAN

SAMOA OF SEA LEVEL FLUCTUATIONS AND STRONG OCEAN CURRENTS

THAT COULD BE A HAZARD ALONG BEACHES... IN HARBORS... AND IN

COASTAL WATERS.

RECOMMENDED ACTIONS

-------------------

\* PERSONS IN THE OCEAN SHOULD GET OUT OF THE WATER. PERSONS

NEAR THE OCEAN SHOULD MOVE AWAY FROM BEACHES AND HARBORS.

\* FOLLOW ANY INSTRUCTIONS FROM GOVERNMENT AGENCIES.

TSUNAMI OBSERVATIONS

--------------------

\* THE FOLLOWING ARE TSUNAMI WAVE OBSERVATIONS FROM COASTAL

AND/OR DEEP-OCEAN SEA LEVEL GAUGES AT THE INDICATED

LOCATIONS. THE MAXIMUM TSUNAMI HEIGHT IS MEASURED WITH

RESPECT TO THE TIDE LEVEL.

GAUGE TIME OF MAXIMUM WAVE

COORDINATES MEASURE TSUNAMI PERIOD

GAUGE LOCATION LAT LON (SST) HEIGHT (MIN)

-------------------------------------------------------------

OUVEA NEW CALEDONIA 20.5S 166.6E 1157 PM 0.4FT/ 0.1M 30

HIENGHENE NEW CALED 20.7S 164.9E 1152 PM 1.1FT/ 0.3M 28

HONIARA SB 9.4S 160.0E 1100 PM 0.3FT/ 0.1M 46

ALOFI NU 19.1S 169.9W 1122 PM 0.4FT/ 0.1M 20

VANUATU 17.8S 168.3E 1144 PM 1.4FT/ 0.4M 16

ARENA COVE CA 38.9N 123.7W 1023 PM 2.6FT/ 0.8M 06

MONTEREY HARBOR CA 36.6N 121.9W 910 PM 1.2FT/ 0.4M 38

PORT SAN LUIS CA 35.2N 120.8W 1033 PM 2.8FT/ 0.9M 18

SANTA BARBARA CA 34.4N 119.7W 1047 PM 1.1FT/ 0.3M 14

OFF OREGON COAST 45.8N 129.7W 706 PM 0.2FT/ 0.1M 52

OFU AS 14.2S 169.7W 1041 PM 0.6FT/ 0.2M 20

CHARLESTON OR 43.3N 124.3W 954 PM 0.7FT/ 0.2M 20

LA PUSH WA 47.9N 124.6W 841 PM 0.8FT/ 0.2M 34

LITZLITZ VU 16.1S 167.4E 1103 PM 1.1FT/ 0.3M 52

LUGANVILLE VU 15.5S 167.2E 1058 PM 0.7FT/ 0.2M 52

AUNUU AS 14.3S 170.6W 1044 PM 0.9FT/ 0.3M 12

AUASI AS 14.3S 170.6W 1044 PM 0.9FT/ 0.3M 10

TAREKUKURE WHARF SB 6.7S 156.4E 938 PM 1.4FT/ 0.4M 32

LOMBRUM MANUS IS PG 2.0S 147.4E 853 PM 0.8FT/ 0.3M 60

CRESCENT CITY CA 41.7N 124.2W 1030 PM 3.7FT/ 1.1M 22

HANASAKI HOKKAIDO J 43.3N 145.6E 644 PM 2.6FT/ 0.8M 40

APIA UPOLU WS 13.8S 171.8W 1043 PM 2.3FT/ 0.7M 18

PAGO PAGO AS 14.3S 170.7W 1029 PM 0.8FT/ 0.3M 20

DART 51425 9.5S 176.2W 915 PM 0.1FT/ 0.0M 18

HONOKOHAU HI USA 19.7N 156.0W 841 PM 0.4FT/ 0.1M 10

KAWAIHAE HAWAII 20.0N 155.8W 819 PM 1.2FT/ 0.4M 14

DEKEHTIK POHNPEI FM 7.0N 158.2E 734 PM 0.3FT/ 0.1M 20

DART 52402 11.9N 153.9E 607 PM 0.2FT/ 0.1M 44

KAUNAKAKAI US 21.1N 157.0W 720 PM 0.8FT/ 0.2M 30

PAGO BAY GUAM US 13.4N 144.8E 807 PM 0.5FT/ 0.1M 10

HONOLULU OAHU 21.3N 157.9W 758 PM 1.1FT/ 0.3M 16

KAHULUI MAUI 20.9N 156.5W 709 PM 5.7FT/ 1.7M 34

DUTCH HBR UNALASKA 53.9N 166.5W 506 PM 1.0FT/ 0.3M 72

ATKA AK 52.2N 174.2W 530 PM 1.8FT/ 0.6M 38

NIKOLSKI AK 52.9N 168.9W 648 PM 1.3FT/ 0.4M 42

BARBERS PT HI 21.3N 158.1W 738 PM 0.6FT/ 0.2M 04

HEEIA HI USA 21.4N 157.8W 658 PM 0.4FT/ 0.1M 20

WAKKANI JP 45.4N 141.7E 710 PM 0.8FT/ 0.2M 56

PORT ALLEN HI USA 21.9N 159.6W 730 PM 1.4FT/ 0.4M 10

CHICHIJIMA JP 27.1N 142.2E 727 PM 1.6FT/ 0.5M 18

WAIANAE HI USA 21.5N 158.2W 722 PM 1.2FT/ 0.4M 10

HILO HAWAII 19.7N 155.1W 723 PM 4.9FT/ 1.5M 14

HANALEI HI 22.2N 159.5W 648 PM 3.9FT/ 1.2M 12

KEEHI HI USA 21.3N 157.9W 712 PM 0.6FT/ 0.2M 34

MAKAPU'U HI 21.3N 157.7W 704 PM 2.3FT/ 0.7M 14

HALEIWA HI 21.6N 158.1W 648 PM 4.0FT/ 1.2M 12

NAWILIWILI KAUAI 22.0N 159.4W 636 PM 0.8FT/ 0.2M 14

NAWILIWILI HI 22.0N 159.4W 637 PM 0.7FT/ 0.2M 12

HANALEI HI USA 22.2N 159.5W 633 PM 3.0FT/ 0.9M 20

WAKE US 19.3N 166.6E 450 PM 0.7FT/ 0.2M 14

MERA JP 34.9N 139.8E 610 PM 1.1FT/ 0.3M 24

APRA HARBOR GUAM US 13.4N 144.7E 542 PM 0.4FT/ 0.1M 56

SAIPAN US 15.2N 145.7E 556 PM 0.7FT/ 0.2M 60

MIDWAY 28.2N 177.4W 500 PM 3.1FT/ 1.0M 08

DART 46413 48.0N 174.2W 244 PM 0.6FT/ 0.2M 40

KUSHIRO JP 43.0N 144.4E 221 PM 1.1FT/ 0.3M 76

DART 21415 50.2N 171.9E 217 PM 0.6FT/ 0.2M 08

DART 21414 49.0N 178.2E 203 PM 0.9FT/ 0.3M 32

DART 21416 48.1N 163.5E 103 PM 3.0FT/ 0.9M 24

POTENTIAL IMPACTS

-----------------

\* SEA LEVEL FLUCTUATIONS THAT ARE GENERALLY NO MORE THAN 3 FEET

ABOVE AND BELOW THE TIDE LEVEL.

\* MINOR FLOODING OF BEACH AND HARBOR AREAS.

\* STRONG AND UNUSUAL OCEAN CURRENTS IN HARBORS... BAYS... AND

OTHER NEAR SHORE WATERS.

\* THE HAZARD BEGAN AROUND 939 PM SST ON TUESDAY JULY 29 AND IT

CAN PERSIST FOR MANY HOURS OR LONGER.

PRELIMINARY EARTHQUAKE PARAMETERS

---------------------------------

\* MAGNITUDE 8.8

\* ORIGIN TIME 1225 PM SST JUL 29 2025

\* COORDINATES 52.2 NORTH 160.0 EAST

\* DEPTH 46 MILES

\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

NEXT UPDATE AND ADDITIONAL INFORMATION

--------------------------------------

\* THE NEXT MESSAGE WILL BE ISSUED IN ONE HOUR... OR SOONER IF

THE SITUATION WARRANTS.

\* FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND ON THE

INTERNET AT WWW.TSUNAMI.GOV.

\* AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S.

GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT

EARTHQUAKE.USGS.GOV.

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BULLETIN

TSUNAMI MESSAGE NUMBER 13

NWS PACIFIC TSUNAMI WARNING CENTER HONOLULU HI

219 AM SST WED JUL 30 2025

...THE TSUNAMI ADVISORY IS NOW CANCELED FOR AMERICAN SAMOA...

AUDIENCE

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EMERGENCY MANAGERS... MEDIA... GENERAL PUBLIC

EVALUATION

----------

\* AN EARTHQUAKE WITH A PRELIMINARY MAGNITUDE OF 8.8 OCCURRED

OFF THE EAST COAST OF KAMCHATKA, RUSSIA AT 1225 PM SST ON

TUESDAY JULY 29 2025.

\* BASED ON ALL AVAILABLE DATA... THERE IS NO FURTHER TSUNAMI

THREAT TO AMERICAN SAMOA FROM THIS EARTHQUAKE ALTHOUGH MINOR

SEA LEVEL FLUCTUATIONS MAY CONTINUE.

RECOMMENDED ACTIONS

-------------------

\* FOLLOW ANY INSTRUCTIONS FROM GOVERNMENT AGENCIES.

\* BE OBSERVANT AND EXERCISE NORMAL CAUTION IF YOU ARE NEAR OR

IN THE OCEAN.

\* OTHERWISE... NO FURTHER ACTION IS REQUIRED.

POTENTIAL IMPACTS

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\* MINOR SEA LEVEL FLUCTUATIONS MAY CONTINUE OVER THE NEXT FEW

HOURS.

PRELIMINARY EARTHQUAKE PARAMETERS

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\* MAGNITUDE 8.8

\* ORIGIN TIME 1225 PM SST JUL 29 2025

\* COORDINATES 52.2 NORTH 160.0 EAST

\* DEPTH 46 MILES

\* LOCATION OFF THE EAST COAST OF KAMCHATKA RUSSIA

NEXT UPDATE AND ADDITIONAL INFORMATION

--------------------------------------

\* THIS WILL BE THE FINAL STATEMENT ISSUED FOR THIS EVENT UNLESS

NEW INFORMATION IS RECEIVED OR THE SITUATION CHANGES.

\* FURTHER INFORMATION ABOUT THIS EVENT MAY BE FOUND ON THE

INTERNET AT WWW.TSUNAMI.GOV.

\* AUTHORITATIVE INFORMATION ABOUT THE EARTHQUAKE FROM THE U.S.

GEOLOGICAL SURVEY CAN BE FOUND ON THE INTERNET AT

EARTHQUAKE.USGS.GOV.

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