Public Tsunami Message Number 1

NWS National Tsunami Warning Center Palmer AK

435 PM PDT Tue Jul 29 2025

...A TSUNAMI ADVISORY IS NOW IN EFFECT...

Tsunami Advisory in Effect for;

\* ALEUTIAN ISLANDS, Samalga Pass, Alaska (30 miles SW of

Nikolski) to Attu, Alaska including the Pribilof Islands

For other US and Canadian Pacific coasts in North America,

the level of tsunami danger is being evaluated. Further

information will be provided in supplementary messages.

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* The following parameters are based on a rapid preliminary

assessment of the earthquake and changes may occur.

\* Magnitude 8.0

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

FORECASTS OF TSUNAMI ACTIVITY

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

\* Tsunami activity is forecasted to start at the following

locations at the specified times.

FORECAST

START

SITE OF TSUNAMI

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

\* Alaska

Shemya 1646 AKDT Jul 29

Adak 1746 AKDT Jul 29

Saint Paul 1906 AKDT Jul 29

OBSERVATIONS OF TSUNAMI ACTIVITY

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

\* No tsunami observations are available to report.

RECOMMENDED ACTIONS

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

Actions to protect human life and property will

vary within tsunami advisory areas.

If you are in a tsunami advisory area;

\* Move out of the water, off the beach, and away from

harbors, marinas, breakwaters, bays and inlets.

\* Be alert to and follow instructions from your local

emergency officials because they may have more detailed or

specific information for your location.

\* If you feel a strong earthquake or extended ground rolling

take immediate protective actions such as moving inland

and/or uphill preferably by foot.

\* Boat operators,

\* Where time and conditions permit, move your boat out to

sea to a depth of at least 180 feet.

\* If at sea avoid entering shallow water, harbors,

marinas, bays, and inlets to avoid floating and

submerged debris and strong currents.

\* Do not go to the shore to observe the tsunami.

\* Do not return to the coast until local emergency officials

indicate it is safe to do so.

IMPACTS

-------

Impacts will vary at different locations in the advisory

areas.

If you are in a tsunami advisory area;

\* A tsunami with strong waves and currents is possible.

\* Waves and currents can drown or injure people who are

in the water.

\* Currents at beaches and in harbors, marinas,

bays, and inlets may be especially dangerous.

\* Some impacts may continue for many hours to days after

arrival of the first wave.

\* The first wave may not be the largest so later waves may

be larger.

\* Each wave may last 5 to 45 minutes as a wave encroaches

and recedes.

\* Coasts facing all directions are threatened because the

waves can wrap around islands and headlands and into bays.

\* Strong shaking or rolling of the ground indicates an

earthquake has occurred and a tsunami may be imminent.

\* A rapidly receding or receded shoreline, unusual waves and

sounds, and strong currents are signs of a tsunami.

\* The tsunami may appear as water moving rapidly out to sea,

a gentle rising tide like flood with no breaking wave,

as a series of breaking waves, or a frothy wall of water.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 2

NWS National Tsunami Warning Center Palmer AK

519 PM PDT Tue Jul 29 2025

UPDATES

-------

\* A tsunami has been confirmed and some impacts are expected

\* Revised alert areas

\* Revised magnitude

...A TSUNAMI WARNING IS NOW IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

...A TSUNAMI WATCH IS NOW IN EFFECT...

Tsunami Warning in Effect for;

\* ALEUTIAN ISLANDS, Samalga Pass, Alaska (30 miles SW of

Nikolski) to Attu, Alaska including the Pribilof Islands

Tsunami Advisory in Effect for;

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Chignik Bay, Alaska to Unimak Pass, Alaska (80 miles NE of

Unalaska)

\* ALEUTIAN ISLANDS, Unimak Pass, Alaska (80 miles NE of

Unalaska) to Samalga Pass, Alaska (30 miles SW of Nikolski)

Tsunami Watch in Effect for;

\* CALIFORNIA, The coast from The Cal./Mexico Border to The

Oregon/Cal. Border including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* BRITISH COLUMBIA, The north coast and Haida Gwaii, the

central coast and northeast Vancouver Island, the outer

west coast of Vancouver Island, the Juan de Fuca Strait

coast

\* SOUTHEAST ALASKA, The inner and outer coast from The

BC/Alaska Border to Cape Fairweather, Alaska (80 miles SE

of Yakutat)

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Cape Fairweather, Alaska (80 miles SE of Yakutat) to

Chignik Bay, Alaska

PRELIMINARY EARTHQUAKE PARAMETERS - UPDATED

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

\* The following parameters are based on a rapid preliminary

assessment of the earthquake and changes may occur.

\* Magnitude 8.7

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

FORECASTS OF TSUNAMI ACTIVITY

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

\* Tsunami activity is forecasted to start at the following

locations at the specified times.

FORECAST

START

SITE OF TSUNAMI

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

\* Alaska

Shemya 1640 AKDT Jul 29

Adak 1740 AKDT Jul 29

Unalaska 1845 AKDT Jul 29

Saint Paul 1855 AKDT Jul 29

Sand Point 1925 AKDT Jul 29

Cold Bay 2000 AKDT Jul 29

Kodiak 2020 AKDT Jul 29

Seward 2045 AKDT Jul 29

Elfin Cove 2050 AKDT Jul 29

Yakutat 2055 AKDT Jul 29

Sitka 2055 AKDT Jul 29

Valdez 2105 AKDT Jul 29

Cordova 2115 AKDT Jul 29

Homer 2140 AKDT Jul 29

Craig 2155 AKDT Jul 29

\* British Columbia

Langara 2205 PDT Jul 29

Tofino 2330 PDT Jul 29

\* Washington

La Push 2335 PDT Jul 29

Neah Bay 2340 PDT Jul 29

Long Beach 2345 PDT Jul 29

Moclips 2350 PDT Jul 29

Westport 2355 PDT Jul 29

Port Angeles 0020 PDT Jul 30

Port Townsend 0045 PDT Jul 30

Bellingham 0110 PDT Jul 30

Tacoma 0200 PDT Jul 30

\* Oregon

Port Orford 2340 PDT Jul 29

Charleston 2345 PDT Jul 29

Brookings 2350 PDT Jul 29

Seaside 2355 PDT Jul 29

Newport 2355 PDT Jul 29

\* California

Fort Bragg 2350 PDT Jul 29

Crescent City 2355 PDT Jul 29

Monterey 0015 PDT Jul 30

Port San Luis 0035 PDT Jul 30

San Francisco 0040 PDT Jul 30

Santa Barbara 0050 PDT Jul 30

Los Angeles Harb 0105 PDT Jul 30

Newport Beach 0110 PDT Jul 30

Oceanside 0115 PDT Jul 30

La Jolla 0115 PDT Jul 30

OBSERVATIONS OF TSUNAMI ACTIVITY

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

\* No tsunami observations are available to report.

RECOMMENDED ACTIONS - UPDATED

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

Actions to protect human life and property will

vary within tsunami warning areas and within tsunami

advisory areas.

If you are in a tsunami warning area;

\* Evacuate inland or to higher ground above and beyond

designated tsunami hazard zones or move to an upper floor

of a multi-story building depending on your situation.

If you are in a tsunami warning or advisory area;

\* Move out of the water, off the beach, and away from

harbors, marinas, breakwaters, bays and inlets.

\* Be alert to and follow instructions from your local

emergency officials because they may have more detailed or

specific information for your location.

\* If you feel a strong earthquake or extended ground rolling

take immediate protective actions such as moving inland

and/or uphill preferably by foot.

\* Boat operators,

\* Where time and conditions permit, move your boat out to

sea to a depth of at least 180 feet.

\* If at sea avoid entering shallow water, harbors,

marinas, bays, and inlets to avoid floating and

submerged debris and strong currents.

\* Do not go to the shore to observe the tsunami.

\* Do not return to the coast until local emergency officials

indicate it is safe to do so.

If you are in a tsunami watch area;

\* Prepare to take action and stay alert for further

information.

IMPACTS

-------

Impacts will vary at different locations in the warning and

in the advisory areas.

If you are in a tsunami warning area;

\* A tsunami with damaging waves and powerful currents is

possible.

\* Repeated coastal flooding is possible as waves arrive

onshore, move inland, and drain back into the ocean.

\* Strong and unusual waves, currents and inland flooding

can drown or injure people and weaken or destroy structures

on land and in water.

\* Water filled with floating or submerged debris that can

injure or kill people and weaken or destroy buildings and

bridges is possible.

\* Strong and unusual currents and waves in harbors,

marinas, bays, and inlets may be especially

destructive.

If you are in a tsunami advisory area;

\* A tsunami with strong waves and currents is possible.

\* Waves and currents can drown or injure people who are

in the water.

\* Currents at beaches and in harbors, marinas,

bays, and inlets may be especially dangerous.

If you are in a tsunami warning or advisory area;

\* Some impacts may continue for many hours to days after

arrival of the first wave.

\* The first wave may not be the largest so later waves may

be larger.

\* Each wave may last 5 to 45 minutes as a wave encroaches

and recedes.

\* Coasts facing all directions are threatened because the

waves can wrap around islands and headlands and into bays.

\* Strong shaking or rolling of the ground indicates an

earthquake has occurred and a tsunami may be imminent.

\* A rapidly receding or receded shoreline, unusual waves and

sounds, and strong currents are signs of a tsunami.

\* The tsunami may appear as water moving rapidly out to sea,

a gentle rising tide like flood with no breaking wave,

as a series of breaking waves, or a frothy wall of water.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 3

NWS National Tsunami Warning Center Palmer AK

627 PM PDT Tue Jul 29 2025

UPDATES

-------

\* Revised alert areas

\* Revised forecast information

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* ALEUTIAN ISLANDS, Samalga Pass, Alaska (30 miles SW of

Nikolski) to Attu, Alaska including the Pribilof Islands

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from The Cal./Mexico Border to The

Oregon/Cal. Border including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* BRITISH COLUMBIA, The north coast and Haida Gwaii, the

central coast and northeast Vancouver Island, the outer

west coast of Vancouver Island, the Juan de Fuca Strait

coast

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Chignik Bay, Alaska to Unimak Pass, Alaska (80 miles NE of

Unalaska)

\* ALEUTIAN ISLANDS, Unimak Pass, Alaska (80 miles NE of

Unalaska) to Samalga Pass, Alaska (30 miles SW of Nikolski)

Alerts in the following areas have been canceled because

additional information and analysis have better defined the

threat.

\* The Tsunami Watch is canceled for the coastal areas of

Southeast Alaska and South Alaska and the Alaska Peninsula

from The BC/Alaska Border to Chignik Bay, Alaska

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

FORECASTS OF TSUNAMI ACTIVITY

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

\* A tsunami has been generated. The first waves are forecasted to

arrive at the following locations and specified times.

\* Forecast tsunami duration is the approximate length of time which

the tsunami may produce dangerous currents and waves.

\* Forecast max tsunami height is the highest expected water level

above the tide.

\* Forecasts are not provided for sites which have been impacted

more than an hour prior to the time of this message.

FORECAST FORECAST FORECAST

START TSUNAMI MAX TSUNAMI

SITE OF TSUNAMI DURATION HEIGHT

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

\* Alaska

Shemya 1640 AKDT Jul 29 36 hrs 3.0- 5.6 ft

Adak 1740 AKDT Jul 29 15 hrs 1.3- 2.5 ft

Unalaska 1845 AKDT Jul 29 less than 1ft

Saint Paul 1855 AKDT Jul 29 15 hrs 0.9- 1.7 ft

Sand Point 1925 AKDT Jul 29 less than 1ft

Cold Bay 2000 AKDT Jul 29 less than 1ft

\* British Columbia

Langara 2205 PDT Jul 29 less than 1ft

Tofino 2330 PDT Jul 29 less than 1ft

\* Washington

La Push 2335 PDT Jul 29

Neah Bay 2340 PDT Jul 29 less than 1ft

Long Beach 2345 PDT Jul 29 less than 1ft

Moclips 2350 PDT Jul 29 9 hrs 0.8- 1.4 ft

Westport 2355 PDT Jul 29 less than 1ft

Port Angeles 0020 PDT Jul 30 less than 1ft

Port Townsend 0045 PDT Jul 30 less than 1ft

Bellingham 0110 PDT Jul 30 less than 1ft

Tacoma 0200 PDT Jul 30

\* Oregon

Port Orford 2340 PDT Jul 29 15 hrs 1.1- 2.0 ft

Charleston 2345 PDT Jul 29 less than 1ft

Brookings 2350 PDT Jul 29 15 hrs 1.0- 1.8 ft

Seaside 2355 PDT Jul 29

Newport 2355 PDT Jul 29

\* California

Fort Bragg 2350 PDT Jul 29 9 hrs 0.8- 1.5 ft

Crescent City 2355 PDT Jul 29 36 hrs 3.1- 5.7 ft

Monterey 0015 PDT Jul 30 less than 1ft

Port San Luis 0035 PDT Jul 30 20 hrs 1.7- 3.2 ft

San Francisco 0040 PDT Jul 30 less than 1ft

Santa Barbara 0050 PDT Jul 30 9 hrs 0.9- 1.7 ft

Los Angeles Harb 0105 PDT Jul 30 less than 1ft

Newport Beach 0110 PDT Jul 30 less than 1ft

Oceanside 0115 PDT Jul 30 less than 1ft

La Jolla 0115 PDT Jul 30 less than 1ft

OBSERVATIONS OF TSUNAMI ACTIVITY

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

\* No tsunami observations are available to report.

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.7

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS - UPDATED

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

Actions to protect human life and property will

vary within tsunami warning areas and within tsunami

advisory areas.

If you are in a tsunami warning area;

\* Evacuate inland or to higher ground above and beyond

designated tsunami hazard zones or move to an upper floor

of a multi-story building depending on your situation.

If you are in a tsunami warning or advisory area;

\* Move out of the water, off the beach, and away from

harbors, marinas, breakwaters, bays and inlets.

\* Be alert to and follow instructions from your local

emergency officials because they may have more detailed or

specific information for your location.

\* If you feel a strong earthquake or extended ground rolling

take immediate protective actions such as moving inland

and/or uphill preferably by foot.

\* Boat operators,

\* Where time and conditions permit, move your boat out to

sea to a depth of at least 180 feet.

\* If at sea avoid entering shallow water, harbors,

marinas, bays, and inlets to avoid floating and

submerged debris and strong currents.

\* Do not go to the shore to observe the tsunami.

\* Do not return to the coast until local emergency officials

indicate it is safe to do so.

IMPACTS

-------

Impacts will vary at different locations in the warning and

in the advisory areas.

If you are in a tsunami warning area;

\* A tsunami with damaging waves and powerful currents is

possible.

\* Repeated coastal flooding is possible as waves arrive

onshore, move inland, and drain back into the ocean.

\* Strong and unusual waves, currents and inland flooding

can drown or injure people and weaken or destroy structures

on land and in water.

\* Water filled with floating or submerged debris that can

injure or kill people and weaken or destroy buildings and

bridges is possible.

\* Strong and unusual currents and waves in harbors,

marinas, bays, and inlets may be especially

destructive.

If you are in a tsunami advisory area;

\* A tsunami with strong waves and currents is possible.

\* Waves and currents can drown or injure people who are

in the water.

\* Currents at beaches and in harbors, marinas,

bays, and inlets may be especially dangerous.

If you are in a tsunami warning or advisory area;

\* Some impacts may continue for many hours to days after

arrival of the first wave.

\* The first wave may not be the largest so later waves may

be larger.

\* Each wave may last 5 to 45 minutes as a wave encroaches

and recedes.

\* Coasts facing all directions are threatened because the

waves can wrap around islands and headlands and into bays.

\* Strong shaking or rolling of the ground indicates an

earthquake has occurred and a tsunami may be imminent.

\* A rapidly receding or receded shoreline, unusual waves and

sounds, and strong currents are signs of a tsunami.

\* The tsunami may appear as water moving rapidly out to sea,

a gentle rising tide like flood with no breaking wave,

as a series of breaking waves, or a frothy wall of water.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 4

NWS National Tsunami Warning Center Palmer AK

725 PM PDT Tue Jul 29 2025

UPDATES

-------

\* Updated observations

\* Revised magnitude

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* ALEUTIAN ISLANDS, Samalga Pass, Alaska (30 miles SW of

Nikolski) to Attu, Alaska including the Pribilof Islands

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from The Cal./Mexico Border to The

Oregon/Cal. Border including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* BRITISH COLUMBIA, The north coast and Haida Gwaii, the

central coast and northeast Vancouver Island, the outer

west coast of Vancouver Island, the Juan de Fuca Strait

coast

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Chignik Bay, Alaska to Unimak Pass, Alaska (80 miles NE of

Unalaska)

\* ALEUTIAN ISLANDS, Unimak Pass, Alaska (80 miles NE of

Unalaska) to Samalga Pass, Alaska (30 miles SW of Nikolski)

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

FORECASTS OF TSUNAMI ACTIVITY

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

\* A tsunami has been generated. The first waves are forecasted to

arrive at the following locations and specified times.

\* Forecast tsunami duration is the approximate length of time which

the tsunami may produce dangerous currents and waves.

\* Forecast max tsunami height is the highest expected water level

above the tide.

\* Forecasts are not provided for sites which have been impacted

more than an hour prior to the time of this message.

FORECAST FORECAST FORECAST

START TSUNAMI MAX TSUNAMI

SITE OF TSUNAMI DURATION HEIGHT

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

\* Alaska

Adak 1740 AKDT Jul 29 15 hrs 1.2- 2.2 ft

Unalaska 1845 AKDT Jul 29 less than 1ft

Saint Paul 1855 AKDT Jul 29 less than 1ft

Sand Point 1925 AKDT Jul 29 less than 1ft

Cold Bay 2000 AKDT Jul 29 less than 1ft

\* British Columbia

Langara 2205 PDT Jul 29 less than 1ft

Tofino 2330 PDT Jul 29 less than 1ft

\* Oregon

Port Orford 2335 PDT Jul 29 15 hrs 1.0- 1.8 ft

Charleston 2345 PDT Jul 29 less than 1ft

Brookings 2350 PDT Jul 29 9 hrs 0.8- 1.5 ft

Seaside 2355 PDT Jul 29

Newport 2355 PDT Jul 29

\* Washington

La Push 2335 PDT Jul 29

Neah Bay 2340 PDT Jul 29 less than 1ft

Long Beach 2345 PDT Jul 29 less than 1ft

Westport 2350 PDT Jul 29 less than 1ft

Moclips 2350 PDT Jul 29 9 hrs 0.7- 1.3 ft

Port Angeles 0015 PDT Jul 30 less than 1ft

Port Townsend 0045 PDT Jul 30 less than 1ft

Bellingham 0110 PDT Jul 30 less than 1ft

Tacoma 0200 PDT Jul 30

\* California

Fort Bragg 2350 PDT Jul 29 9 hrs 0.8- 1.4 ft

Crescent City 2350 PDT Jul 29 36 hrs 2.9- 5.4 ft

Monterey 0015 PDT Jul 30 less than 1ft

Port San Luis 0035 PDT Jul 30 24 hrs 2.0- 3.8 ft

San Francisco 0040 PDT Jul 30 less than 1ft

Santa Barbara 0045 PDT Jul 30 9 hrs 0.7- 1.3 ft

Los Angeles Harb 0100 PDT Jul 30 less than 1ft

Newport Beach 0110 PDT Jul 30 less than 1ft

La Jolla 0110 PDT Jul 30 less than 1ft

Oceanside 0115 PDT Jul 30 less than 1ft

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0.8ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

PRELIMINARY EARTHQUAKE PARAMETERS - UPDATED

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

Actions to protect human life and property will

vary within tsunami warning areas and within tsunami

advisory areas.

If you are in a tsunami warning area;

\* Evacuate inland or to higher ground above and beyond

designated tsunami hazard zones or move to an upper floor

of a multi-story building depending on your situation.

If you are in a tsunami warning or advisory area;

\* Move out of the water, off the beach, and away from

harbors, marinas, breakwaters, bays and inlets.

\* Be alert to and follow instructions from your local

emergency officials because they may have more detailed or

specific information for your location.

\* If you feel a strong earthquake or extended ground rolling

take immediate protective actions such as moving inland

and/or uphill preferably by foot.

\* Boat operators,

\* Where time and conditions permit, move your boat out to

sea to a depth of at least 180 feet.

\* If at sea avoid entering shallow water, harbors,

marinas, bays, and inlets to avoid floating and

submerged debris and strong currents.

\* Do not go to the shore to observe the tsunami.

\* Do not return to the coast until local emergency officials

indicate it is safe to do so.

IMPACTS

-------

Impacts will vary at different locations in the warning and

in the advisory areas.

If you are in a tsunami warning area;

\* A tsunami with damaging waves and powerful currents is

possible.

\* Repeated coastal flooding is possible as waves arrive

onshore, move inland, and drain back into the ocean.

\* Strong and unusual waves, currents and inland flooding

can drown or injure people and weaken or destroy structures

on land and in water.

\* Water filled with floating or submerged debris that can

injure or kill people and weaken or destroy buildings and

bridges is possible.

\* Strong and unusual currents and waves in harbors,

marinas, bays, and inlets may be especially

destructive.

If you are in a tsunami advisory area;

\* A tsunami with strong waves and currents is possible.

\* Waves and currents can drown or injure people who are

in the water.

\* Currents at beaches and in harbors, marinas,

bays, and inlets may be especially dangerous.

If you are in a tsunami warning or advisory area;

\* Some impacts may continue for many hours to days after

arrival of the first wave.

\* The first wave may not be the largest so later waves may

be larger.

\* Each wave may last 5 to 45 minutes as a wave encroaches

and recedes.

\* Coasts facing all directions are threatened because the

waves can wrap around islands and headlands and into bays.

\* Strong shaking or rolling of the ground indicates an

earthquake has occurred and a tsunami may be imminent.

\* A rapidly receding or receded shoreline, unusual waves and

sounds, and strong currents are signs of a tsunami.

\* The tsunami may appear as water moving rapidly out to sea,

a gentle rising tide like flood with no breaking wave,

as a series of breaking waves, or a frothy wall of water.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

$$

Public Tsunami Message Number 5

NWS National Tsunami Warning Center Palmer AK

827 PM PDT Tue Jul 29 2025

UPDATES

-------

\* Revised alert areas

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* CALIFORNIA, The coast from Cape Mendocino, California to

The Oregon/Cal. Border

\* ALEUTIAN ISLANDS, Samalga Pass, Alaska (30 miles SW of

Nikolski) to Attu, Alaska including the Pribilof Islands

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from The Cal./Mexico Border to Cape

Mendocino, California including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* BRITISH COLUMBIA, The north coast and Haida Gwaii, the

central coast and northeast Vancouver Island, the outer

west coast of Vancouver Island, the Juan de Fuca Strait

coast

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Chignik Bay, Alaska to Unimak Pass, Alaska (80 miles NE of

Unalaska)

\* ALEUTIAN ISLANDS, Unimak Pass, Alaska (80 miles NE of

Unalaska) to Samalga Pass, Alaska (30 miles SW of Nikolski)

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

FORECASTS OF TSUNAMI ACTIVITY

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

\* A tsunami has been generated. The first waves are forecasted to

arrive at the following locations and specified times.

\* Forecast tsunami duration is the approximate length of time which

the tsunami may produce dangerous currents and waves.

\* Forecast max tsunami height is the highest expected water level

above the tide.

\* Forecasts are not provided for sites which have been impacted

more than an hour prior to the time of this message.

FORECAST FORECAST FORECAST

START TSUNAMI MAX TSUNAMI

SITE OF TSUNAMI DURATION HEIGHT

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

\* Alaska

Saint Paul 1855 AKDT Jul 29 less than 1ft

\* British Columbia

Langara 2205 PDT Jul 29 less than 1ft

Tofino 2330 PDT Jul 29 less than 1ft

\* Oregon

Port Orford 2335 PDT Jul 29 15 hrs 0.9- 1.7 ft

Charleston 2345 PDT Jul 29 less than 1ft

Brookings 2350 PDT Jul 29 9 hrs 0.8- 1.4 ft

Seaside 2355 PDT Jul 29

Newport 2355 PDT Jul 29

\* Washington

La Push 2335 PDT Jul 29

Neah Bay 2340 PDT Jul 29 less than 1ft

Long Beach 2345 PDT Jul 29 less than 1ft

Westport 2350 PDT Jul 29 less than 1ft

Moclips 2350 PDT Jul 29 less than 1ft

Port Angeles 0015 PDT Jul 30 less than 1ft

Port Townsend 0045 PDT Jul 30 less than 1ft

Bellingham 0110 PDT Jul 30 less than 1ft

Tacoma 0200 PDT Jul 30

\* California

Fort Bragg 2350 PDT Jul 29 9 hrs 0.7- 1.3 ft

Crescent City 2350 PDT Jul 29 30 hrs 2.6- 4.8 ft

Monterey 0015 PDT Jul 30 less than 1ft

Port San Luis 0035 PDT Jul 30 24 hrs 2.0- 3.7 ft

San Francisco 0040 PDT Jul 30 less than 1ft

Santa Barbara 0045 PDT Jul 30 less than 1ft

Los Angeles Harb 0100 PDT Jul 30 less than 1ft

Newport Beach 0110 PDT Jul 30 less than 1ft

La Jolla 0110 PDT Jul 30 less than 1ft

Oceanside 0115 PDT Jul 30 less than 1ft

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0.8ft

Adak Alaska 0.9ft

Kushiro Japan 1.1ft

Abashiri Japan 0.7ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 4 for recommended actions.

IMPACTS

-------

\* See message number 4 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 6

NWS National Tsunami Warning Center Palmer AK

926 PM PDT Tue Jul 29 2025

UPDATES

-------

\* Updated observations

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* CALIFORNIA, The coast from Cape Mendocino, California to

The Oregon/Cal. Border

\* ALEUTIAN ISLANDS, Samalga Pass, Alaska (30 miles SW of

Nikolski) to Attu, Alaska including the Pribilof Islands

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from The Cal./Mexico Border to Cape

Mendocino, California including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* BRITISH COLUMBIA, The north coast and Haida Gwaii, the

central coast and northeast Vancouver Island, the outer

west coast of Vancouver Island, the Juan de Fuca Strait

coast

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Chignik Bay, Alaska to Unimak Pass, Alaska (80 miles NE of

Unalaska)

\* ALEUTIAN ISLANDS, Unimak Pass, Alaska (80 miles NE of

Unalaska) to Samalga Pass, Alaska (30 miles SW of Nikolski)

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

FORECASTS OF TSUNAMI ACTIVITY

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

\* A tsunami has been generated. The first waves are forecasted to

arrive at the following locations and specified times.

\* Forecast tsunami duration is the approximate length of time which

the tsunami may produce dangerous currents and waves.

\* Forecast max tsunami height is the highest expected water level

above the tide.

\* Forecasts are not provided for sites which have been impacted

more than an hour prior to the time of this message.

FORECAST FORECAST FORECAST

START TSUNAMI MAX TSUNAMI

SITE OF TSUNAMI DURATION HEIGHT

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

\* British Columbia

Langara 2205 PDT Jul 29 less than 1ft

Tofino 2330 PDT Jul 29 less than 1ft

\* Oregon

Port Orford 2335 PDT Jul 29 15 hrs 0.9- 1.7 ft

Charleston 2345 PDT Jul 29 less than 1ft

Brookings 2350 PDT Jul 29 9 hrs 0.8- 1.4 ft

Seaside 2355 PDT Jul 29

Newport 2355 PDT Jul 29

\* Washington

La Push 2335 PDT Jul 29

Neah Bay 2340 PDT Jul 29 less than 1ft

Long Beach 2345 PDT Jul 29 less than 1ft

Westport 2350 PDT Jul 29 less than 1ft

Moclips 2350 PDT Jul 29 less than 1ft

Port Angeles 0015 PDT Jul 30 less than 1ft

Port Townsend 0045 PDT Jul 30 less than 1ft

Bellingham 0110 PDT Jul 30 less than 1ft

Tacoma 0200 PDT Jul 30

\* California

Fort Bragg 2350 PDT Jul 29 9 hrs 0.7- 1.3 ft

Crescent City 2350 PDT Jul 29 30 hrs 2.6- 4.8 ft

Monterey 0015 PDT Jul 30 less than 1ft

Port San Luis 0035 PDT Jul 30 24 hrs 2.0- 3.7 ft

San Francisco 0040 PDT Jul 30 less than 1ft

Santa Barbara 0045 PDT Jul 30 less than 1ft

Los Angeles Harb 0100 PDT Jul 30 less than 1ft

Newport Beach 0110 PDT Jul 30 less than 1ft

La Jolla 0110 PDT Jul 30 less than 1ft

Oceanside 0115 PDT Jul 30 less than 1ft

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0.8ft

Atka Alaska 1.0ft

Adak Alaska 0.9ft

Nikolski Alaska 0.9ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

King Cove Alaska 0.0ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 4 for recommended actions.

IMPACTS

-------

\* See message number 4 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 7

NWS National Tsunami Warning Center Palmer AK

1022 PM PDT Tue Jul 29 2025

UPDATES

-------

\* Updated observations

\* Revised alert areas

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* CALIFORNIA, The coast from Cape Mendocino, California to

The Oregon/Cal. Border

\* ALEUTIAN ISLANDS, Amchitka Pass, Alaska (125 miles W of

Adak) to Attu, Alaska

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from The Cal./Mexico Border to Cape

Mendocino, California including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* BRITISH COLUMBIA, The north coast and Haida Gwaii, the

central coast and northeast Vancouver Island, the outer

west coast of Vancouver Island, the Juan de Fuca Strait

coast

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Chignik Bay, Alaska to Unimak Pass, Alaska (80 miles NE of

Unalaska)

\* ALEUTIAN ISLANDS, Unimak Pass, Alaska (80 miles NE of

Unalaska) to Samalga Pass, Alaska (30 miles SW of Nikolski)

\* ALEUTIAN ISLANDS, Samalga Pass, Alaska (30 miles SW of

Nikolski) to Amchitka Pass, Alaska (125 miles W of Adak)

including the Pribilof Islands

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

FORECASTS OF TSUNAMI ACTIVITY

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

\* A tsunami has been generated. The first waves are forecasted to

arrive at the following locations and specified times.

\* Forecast tsunami duration is the approximate length of time which

the tsunami may produce dangerous currents and waves.

\* Forecast max tsunami height is the highest expected water level

above the tide.

\* Forecasts are not provided for sites which have been impacted

more than an hour prior to the time of this message.

FORECAST FORECAST FORECAST

START TSUNAMI MAX TSUNAMI

SITE OF TSUNAMI DURATION HEIGHT

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

\* British Columbia

Langara 2205 PDT Jul 29 less than 1ft

Tofino 2330 PDT Jul 29 less than 1ft

\* Oregon

Port Orford 2335 PDT Jul 29 15 hrs 1.0- 1.8 ft

Charleston 2345 PDT Jul 29 less than 1ft

Brookings 2350 PDT Jul 29 9 hrs 0.8- 1.5 ft

Seaside 2355 PDT Jul 29

Newport 2355 PDT Jul 29

\* Washington

La Push 2335 PDT Jul 29

Neah Bay 2340 PDT Jul 29 less than 1ft

Long Beach 2345 PDT Jul 29 less than 1ft

Westport 2350 PDT Jul 29 less than 1ft

Moclips 2350 PDT Jul 29 9 hrs 0.7- 1.3 ft

Port Angeles 0015 PDT Jul 30 less than 1ft

Port Townsend 0045 PDT Jul 30 less than 1ft

Bellingham 0110 PDT Jul 30 less than 1ft

Tacoma 0200 PDT Jul 30

\* California

Fort Bragg 2350 PDT Jul 29 9 hrs 0.7- 1.4 ft

Crescent City 2350 PDT Jul 29 30 hrs 2.7- 5.0 ft

Monterey 0015 PDT Jul 30 less than 1ft

Port San Luis 0035 PDT Jul 30 24 hrs 2.0- 3.8 ft

San Francisco 0040 PDT Jul 30 less than 1ft

Santa Barbara 0045 PDT Jul 30 less than 1ft

Los Angeles Harb 0100 PDT Jul 30 less than 1ft

Newport Beach 0110 PDT Jul 30 less than 1ft

La Jolla 0110 PDT Jul 30 less than 1ft

Oceanside 0115 PDT Jul 30 less than 1ft

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0.8ft

Atka Alaska 1.1ft

Adak Alaska 2104 PDT Jul 29 1.4ft

Nikolski Alaska 0.9ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 4 for recommended actions.

IMPACTS

-------

\* See message number 4 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 8

NWS National Tsunami Warning Center Palmer AK

1120 PM PDT Tue Jul 29 2025

UPDATES

-------

\* Updated observations

\* Revised alert areas

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* CALIFORNIA, The coast from Cape Mendocino, California to

The Oregon/Cal. Border

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from The Cal./Mexico Border to Cape

Mendocino, California including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* BRITISH COLUMBIA, The north coast and Haida Gwaii, the

central coast and northeast Vancouver Island, the outer

west coast of Vancouver Island, the Juan de Fuca Strait

coast

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Chignik Bay, Alaska to Unimak Pass, Alaska (80 miles NE of

Unalaska)

\* ALEUTIAN ISLANDS, Unimak Pass, Alaska (80 miles NE of

Unalaska) to Amchitka Pass, Alaska (125 miles W of Adak)

including the Pribilof Islands

\* ALEUTIAN ISLANDS, Amchitka Pass, Alaska (125 miles W of

Adak) to Attu, Alaska

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

FORECASTS OF TSUNAMI ACTIVITY

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

\* A tsunami has been generated. The first waves are forecasted to

arrive at the following locations and specified times.

\* Forecast tsunami duration is the approximate length of time which

the tsunami may produce dangerous currents and waves.

\* Forecast max tsunami height is the highest expected water level

above the tide.

\* Forecasts are not provided for sites which have been impacted

more than an hour prior to the time of this message.

FORECAST FORECAST FORECAST

START TSUNAMI MAX TSUNAMI

SITE OF TSUNAMI DURATION HEIGHT

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

\* British Columbia

Tofino 2330 PDT Jul 29 less than 1ft

\* Oregon

Port Orford 2335 PDT Jul 29 15 hrs 1.0- 1.8 ft

Charleston 2345 PDT Jul 29 less than 1ft

Brookings 2350 PDT Jul 29 9 hrs 0.8- 1.5 ft

Seaside 2355 PDT Jul 29

Newport 2355 PDT Jul 29

\* Washington

La Push 2335 PDT Jul 29

Neah Bay 2340 PDT Jul 29 less than 1ft

Long Beach 2345 PDT Jul 29 less than 1ft

Westport 2350 PDT Jul 29 less than 1ft

Moclips 2350 PDT Jul 29 9 hrs 0.7- 1.3 ft

Port Angeles 0015 PDT Jul 30 less than 1ft

Port Townsend 0045 PDT Jul 30 less than 1ft

Bellingham 0110 PDT Jul 30 less than 1ft

Tacoma 0200 PDT Jul 30

\* California

Fort Bragg 2350 PDT Jul 29 9 hrs 0.7- 1.4 ft

Crescent City 2350 PDT Jul 29 30 hrs 2.7- 5.0 ft

Monterey 0015 PDT Jul 30 less than 1ft

Port San Luis 0035 PDT Jul 30 24 hrs 2.0- 3.8 ft

San Francisco 0040 PDT Jul 30 less than 1ft

Santa Barbara 0045 PDT Jul 30 less than 1ft

Los Angeles Harb 0100 PDT Jul 30 less than 1ft

Newport Beach 0110 PDT Jul 30 less than 1ft

La Jolla 0110 PDT Jul 30 less than 1ft

Oceanside 0115 PDT Jul 30 less than 1ft

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 2136 PDT Jul 29 1.1ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2104 PDT Jul 29 1.4ft

Nikolski Alaska 0.9ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 4 for recommended actions.

IMPACTS

-------

\* See message number 4 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 9

NWS National Tsunami Warning Center Palmer AK

1220 AM PDT Wed Jul 30 2025

UPDATES

-------

\* Updated observations

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* CALIFORNIA, The coast from Cape Mendocino, California to

The Oregon/Cal. Border

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from The Cal./Mexico Border to Cape

Mendocino, California including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* BRITISH COLUMBIA, The north coast and Haida Gwaii, the

central coast and northeast Vancouver Island, the outer

west coast of Vancouver Island, the Juan de Fuca Strait

coast

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Chignik Bay, Alaska to Unimak Pass, Alaska (80 miles NE of

Unalaska)

\* ALEUTIAN ISLANDS, Unimak Pass, Alaska (80 miles NE of

Unalaska) to Attu, Alaska including the Pribilof Islands

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

FORECASTS OF TSUNAMI ACTIVITY

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

\* A tsunami has been generated. The first waves are forecasted to

arrive at the following locations and specified times.

\* Forecast tsunami duration is the approximate length of time which

the tsunami may produce dangerous currents and waves.

\* Forecast max tsunami height is the highest expected water level

above the tide.

\* Forecasts are not provided for sites which have been impacted

more than an hour prior to the time of this message.

FORECAST FORECAST FORECAST

START TSUNAMI MAX TSUNAMI

SITE OF TSUNAMI DURATION HEIGHT

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

\* British Columbia

Tofino 2330 PDT Jul 29 less than 1ft

\* Oregon

Port Orford 2335 PDT Jul 29 15 hrs 1.0- 1.8 ft

Charleston 2345 PDT Jul 29 less than 1ft

Brookings 2350 PDT Jul 29 9 hrs 0.8- 1.5 ft

Seaside 2355 PDT Jul 29

Newport 2355 PDT Jul 29

\* Washington

La Push 2335 PDT Jul 29

Neah Bay 2340 PDT Jul 29 less than 1ft

Long Beach 2345 PDT Jul 29 less than 1ft

Westport 2350 PDT Jul 29 less than 1ft

Moclips 2350 PDT Jul 29 9 hrs 0.7- 1.3 ft

Port Angeles 0015 PDT Jul 30 less than 1ft

Port Townsend 0045 PDT Jul 30 less than 1ft

Bellingham 0110 PDT Jul 30 less than 1ft

Tacoma 0200 PDT Jul 30

\* California

Fort Bragg 2350 PDT Jul 29 9 hrs 0.7- 1.4 ft

Crescent City 2350 PDT Jul 29 30 hrs 2.7- 5.0 ft

Monterey 0015 PDT Jul 30 less than 1ft

Port San Luis 0035 PDT Jul 30 24 hrs 2.0- 3.8 ft

San Francisco 0040 PDT Jul 30 less than 1ft

Santa Barbara 0045 PDT Jul 30 less than 1ft

Los Angeles Harb 0100 PDT Jul 30 less than 1ft

Newport Beach 0110 PDT Jul 30 less than 1ft

La Jolla 0110 PDT Jul 30 less than 1ft

Oceanside 0115 PDT Jul 30 less than 1ft

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 2136 PDT Jul 29 1.1ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2104 PDT Jul 29 1.4ft

Nikolski Alaska 0.9ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 2305 PDT Jul 29 0.2ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 4 for recommended actions.

IMPACTS

-------

\* See message number 4 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 10

NWS National Tsunami Warning Center Palmer AK

120 AM PDT Wed Jul 30 2025

UPDATES

-------

\* Updated observations

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* CALIFORNIA, The coast from Cape Mendocino, California to

The Oregon/Cal. Border

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from The Cal./Mexico Border to Cape

Mendocino, California including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* BRITISH COLUMBIA, The north coast and Haida Gwaii, the

central coast and northeast Vancouver Island, the outer

west coast of Vancouver Island, the Juan de Fuca Strait

coast

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Chignik Bay, Alaska to Unimak Pass, Alaska (80 miles NE of

Unalaska)

\* ALEUTIAN ISLANDS, Unimak Pass, Alaska (80 miles NE of

Unalaska) to Attu, Alaska including the Pribilof Islands

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

FORECASTS OF TSUNAMI ACTIVITY

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

\* A tsunami has been generated. The first waves are forecasted to

arrive at the following locations and specified times.

\* Forecast tsunami duration is the approximate length of time which

the tsunami may produce dangerous currents and waves.

\* Forecast max tsunami height is the highest expected water level

above the tide.

\* Forecasts are not provided for sites which have been impacted

more than an hour prior to the time of this message.

FORECAST FORECAST FORECAST

START TSUNAMI MAX TSUNAMI

SITE OF TSUNAMI DURATION HEIGHT

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

\* Washington

Port Townsend 0045 PDT Jul 30 less than 1ft

Bellingham 0110 PDT Jul 30 less than 1ft

Tacoma 0200 PDT Jul 30

\* California

Port San Luis 0035 PDT Jul 30 24 hrs 2.0- 3.8 ft

San Francisco 0040 PDT Jul 30 less than 1ft

Santa Barbara 0045 PDT Jul 30 less than 1ft

Los Angeles Harb 0100 PDT Jul 30 less than 1ft

Newport Beach 0110 PDT Jul 30 less than 1ft

La Jolla 0110 PDT Jul 30 less than 1ft

Oceanside 0115 PDT Jul 30 less than 1ft

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 2305 PDT Jul 29 0.2ft

Winter Harbour BC 0032 PDT Jul 30 0.9ft

Tofino British Columbia 0020 PDT Jul 30 0.7ft

Port Orford Oregon 0019 PDT Jul 30 0.7ft

La Push Washington 0024 PDT Jul 30 0.6ft

Charleston Oregon 0030 PDT Jul 30 0.6ft

Humboldt Bay California 0041 PDT Jul 30 0.8ft

Crescent City CA 0037 PDT Jul 30 1.5ft

Bamfield BC 0053 PDT Jul 30 0.3ft

Arena Cove California 0053 PDT Jul 30 1.6ft

Point Reyes California 0055 PDT Jul 30 0.8ft

Monterey California 0051 PDT Jul 30 1.4ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 4 for recommended actions.

IMPACTS

-------

\* See message number 4 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 11

NWS National Tsunami Warning Center Palmer AK

219 AM PDT Wed Jul 30 2025

UPDATES

-------

\* Updated observations

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* CALIFORNIA, The coast from Cape Mendocino, California to

The Oregon/Cal. Border

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from The Cal./Mexico Border to Cape

Mendocino, California including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* BRITISH COLUMBIA, The north coast and Haida Gwaii, the

central coast and northeast Vancouver Island, the outer

west coast of Vancouver Island, the Juan de Fuca Strait

coast

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Chignik Bay, Alaska to Unimak Pass, Alaska (80 miles NE of

Unalaska)

\* ALEUTIAN ISLANDS, Unimak Pass, Alaska (80 miles NE of

Unalaska) to Attu, Alaska including the Pribilof Islands

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

FORECASTS OF TSUNAMI ACTIVITY

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

\* A tsunami has been generated. The first waves are forecasted to

arrive at the following locations and specified times.

\* Forecast tsunami duration is the approximate length of time which

the tsunami may produce dangerous currents and waves.

\* Forecast max tsunami height is the highest expected water level

above the tide.

\* Forecasts are not provided for sites which have been impacted

more than an hour prior to the time of this message.

FORECAST FORECAST FORECAST

START TSUNAMI MAX TSUNAMI

SITE OF TSUNAMI DURATION HEIGHT

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

\* Washington

Tacoma 0200 PDT Jul 30

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0153 PDT Jul 30 0.5ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 2350 PDT Jul 29 0.7ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0024 PDT Jul 30 0.7ft

Neah Bay Washington 0125 PDT Jul 30 0.3ft

Charleston Oregon 0030 PDT Jul 30 0.7ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0144 PDT Jul 30 3.6ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0042 PDT Jul 30 0.5ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0118 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0056 PDT Jul 30 0.8ft

Monterey California 0051 PDT Jul 30 1.1ft

Port Angeles Washington 1818 PDT Jul 29 0.3ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0200 PDT Jul 30 1.3ft

San Francisco CA 0117 PDT Jul 30 0.8ft

Richmond California 0136 PDT Jul 30 0.4ft

Santa Monica California 0152 PDT Jul 30 0.5ft

La Jolla California 0154 PDT Jul 30 0.4ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 2350 PDT Jul 29 0.7ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 4 for recommended actions.

IMPACTS

-------

\* See message number 4 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 12

NWS National Tsunami Warning Center Palmer AK

320 AM PDT Wed Jul 30 2025

UPDATES

-------

\* Updated observations

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* CALIFORNIA, The coast from Cape Mendocino, California to

The Oregon/Cal. Border

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from The Cal./Mexico Border to Cape

Mendocino, California including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* BRITISH COLUMBIA, The north coast and Haida Gwaii, the

central coast and northeast Vancouver Island, the outer

west coast of Vancouver Island, the Juan de Fuca Strait

coast

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Chignik Bay, Alaska to Unimak Pass, Alaska (80 miles NE of

Unalaska)

\* ALEUTIAN ISLANDS, Unimak Pass, Alaska (80 miles NE of

Unalaska) to Attu, Alaska including the Pribilof Islands

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0153 PDT Jul 30 0.5ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 2350 PDT Jul 29 0.7ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0024 PDT Jul 30 0.7ft

Neah Bay Washington 0125 PDT Jul 30 0.3ft

Charleston Oregon 0030 PDT Jul 30 0.7ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0144 PDT Jul 30 3.6ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0042 PDT Jul 30 0.5ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0118 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0056 PDT Jul 30 0.8ft

Monterey California 0051 PDT Jul 30 1.1ft

Port Angeles Washington 1818 PDT Jul 29 0.3ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0200 PDT Jul 30 1.3ft

San Francisco CA 0117 PDT Jul 30 0.8ft

Richmond California 0136 PDT Jul 30 0.4ft

Santa Monica California 0152 PDT Jul 30 0.5ft

La Jolla California 0154 PDT Jul 30 0.4ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 2350 PDT Jul 29 0.7ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 4 for recommended actions.

IMPACTS

-------

\* See message number 4 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 13

NWS National Tsunami Warning Center Palmer AK

419 AM PDT Wed Jul 30 2025

UPDATES

-------

\* Updated observations

\* Revised alert areas

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from The Cal./Mexico Border to Cape

Mendocino, California including San Francisco Bay

\* CALIFORNIA, The coast from Cape Mendocino, California to

Humboldt/Del Norte Line, California

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* BRITISH COLUMBIA, The north coast and Haida Gwaii, the

central coast and northeast Vancouver Island, the outer

west coast of Vancouver Island, the Juan de Fuca Strait

coast

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Chignik Bay, Alaska to Unimak Pass, Alaska (80 miles NE of

Unalaska)

\* ALEUTIAN ISLANDS, Unimak Pass, Alaska (80 miles NE of

Unalaska) to Attu, Alaska including the Pribilof Islands

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0153 PDT Jul 30 0.5ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 2350 PDT Jul 29 0.7ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0024 PDT Jul 30 0.7ft

Neah Bay Washington 0125 PDT Jul 30 0.3ft

Charleston Oregon 0030 PDT Jul 30 0.7ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0144 PDT Jul 30 3.6ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0042 PDT Jul 30 0.5ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0118 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0056 PDT Jul 30 0.8ft

Monterey California 0051 PDT Jul 30 1.1ft

Port Angeles Washington 1818 PDT Jul 29 0.3ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0200 PDT Jul 30 1.3ft

San Francisco CA 0117 PDT Jul 30 0.8ft

Richmond California 0136 PDT Jul 30 0.4ft

Santa Monica California 0152 PDT Jul 30 0.5ft

La Jolla California 0154 PDT Jul 30 0.4ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 2350 PDT Jul 29 0.7ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 4 for recommended actions.

IMPACTS

-------

\* See message number 4 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 14

NWS National Tsunami Warning Center Palmer AK

519 AM PDT Wed Jul 30 2025

UPDATES

-------

\* Updated observations

\* Revised alert areas

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Rincon Point, California (15

miles SE of Santa Barbara) to Humboldt/Del Norte Line,

California including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* BRITISH COLUMBIA, The north coast and Haida Gwaii, the

central coast and northeast Vancouver Island, the outer

west coast of Vancouver Island, the Juan de Fuca Strait

coast

\* SOUTH ALASKA AND THE ALASKA PENINSULA, Pacific coasts from

Chignik Bay, Alaska to Unimak Pass, Alaska (80 miles NE of

Unalaska)

\* ALEUTIAN ISLANDS, Unimak Pass, Alaska (80 miles NE of

Unalaska) to Attu, Alaska including the Pribilof Islands

Alerts in the following areas have been canceled because

additional information and analysis have better defined the

threat.

\* The Tsunami Advisory is canceled for the coastal areas of

California from The Cal./Mexico Border to Rincon Point,

California (15 miles SE of Santa Barbara)

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0153 PDT Jul 30 0.5ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 2350 PDT Jul 29 0.7ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0347 PDT Jul 30 1.3ft

Neah Bay Washington 0125 PDT Jul 30 0.3ft

Charleston Oregon 0030 PDT Jul 30 0.7ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0042 PDT Jul 30 0.5ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 1818 PDT Jul 29 0.3ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 2350 PDT Jul 29 0.7ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 4 for recommended actions.

IMPACTS

-------

\* See message number 4 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 15

NWS National Tsunami Warning Center Palmer AK

620 AM PDT Wed Jul 30 2025

UPDATES

-------

\* Updated observations

\* Revised alert areas

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Rincon Point, California (15

miles SE of Santa Barbara) to Humboldt/Del Norte Line,

California including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* ALEUTIAN ISLANDS, Samalga Pass, Alaska (30 miles SW of

Nikolski) to Attu, Alaska including the Pribilof Islands

Alerts in the following areas have been canceled because

additional information and analysis have better defined the

threat.

\* The Tsunami Advisory is canceled for the coastal areas of

British Columbia from The Wash./BC Border to The BC/Alaska

Border

\* The Tsunami Advisory is canceled for the coastal areas of

South Alaska and the Alaska Peninsula and Aleutian Islands

from Chignik Bay, Alaska to Samalga Pass, Alaska (30 miles

SW of Nikolski)

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 1818 PDT Jul 29 0.3ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 4 for recommended actions.

IMPACTS

-------

\* See message number 4 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 16

NWS National Tsunami Warning Center Palmer AK

719 AM PDT Wed Jul 30 2025

UPDATES

-------

\* Updated observations

...THE TSUNAMI WARNING REMAINS IN EFFECT...

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Warning in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Rincon Point, California (15

miles SE of Santa Barbara) to Humboldt/Del Norte Line,

California including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* ALEUTIAN ISLANDS, Samalga Pass, Alaska (30 miles SW of

Nikolski) to Attu, Alaska including the Pribilof Islands

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 4 for recommended actions.

IMPACTS

-------

\* See message number 4 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 17

NWS National Tsunami Warning Center Palmer AK

820 AM PDT Wed Jul 30 2025

UPDATES

-------

\* Updated observations

\* Revised alert areas

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Rincon Point, California (15

miles SE of Santa Barbara) to Humboldt/Del Norte Line,

California including San Francisco Bay

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* ALEUTIAN ISLANDS, Samalga Pass, Alaska (30 miles SW of

Nikolski) to Attu, Alaska including the Pribilof Islands

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS - UPDATED

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

Actions to protect human life and property will

vary within tsunami advisory areas.

If you are in a tsunami advisory area;

\* Move out of the water, off the beach, and away from

harbors, marinas, breakwaters, bays and inlets.

\* Be alert to and follow instructions from your local

emergency officials because they may have more detailed or

specific information for your location.

\* If you feel a strong earthquake or extended ground rolling

take immediate protective actions such as moving inland

and/or uphill preferably by foot.

\* Boat operators,

\* Where time and conditions permit, move your boat out to

sea to a depth of at least 180 feet.

\* If at sea avoid entering shallow water, harbors,

marinas, bays, and inlets to avoid floating and

submerged debris and strong currents.

\* Do not go to the shore to observe the tsunami.

\* Do not return to the coast until local emergency officials

indicate it is safe to do so.

IMPACTS

-------

Impacts will vary at different locations in the advisory

areas.

If you are in a tsunami advisory area;

\* A tsunami with strong waves and currents is possible.

\* Waves and currents can drown or injure people who are

in the water.

\* Currents at beaches and in harbors, marinas,

bays, and inlets may be especially dangerous.

\* Some impacts may continue for many hours to days after

arrival of the first wave.

\* The first wave may not be the largest so later waves may

be larger.

\* Each wave may last 5 to 45 minutes as a wave encroaches

and recedes.

\* Coasts facing all directions are threatened because the

waves can wrap around islands and headlands and into bays.

\* Strong shaking or rolling of the ground indicates an

earthquake has occurred and a tsunami may be imminent.

\* A rapidly receding or receded shoreline, unusual waves and

sounds, and strong currents are signs of a tsunami.

\* The tsunami may appear as water moving rapidly out to sea,

a gentle rising tide like flood with no breaking wave,

as a series of breaking waves, or a frothy wall of water.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 18

NWS National Tsunami Warning Center Palmer AK

921 AM PDT Wed Jul 30 2025

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Rincon Point, California (15

miles SE of Santa Barbara) to The Oregon/Cal. Border

including San Francisco Bay

\* OREGON, The coast from The Oregon/Cal. Border to The

Oregon/Wash. Border including the Columbia River estuary

coast

\* WASHINGTON, Outer coast from the Oregon/Washington border

to Slip Point, Columbia River estuary coast, and the Juan

de Fuca Strait coast

\* ALEUTIAN ISLANDS, Samalga Pass, Alaska (30 miles SW of

Nikolski) to Attu, Alaska including the Pribilof Islands

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 19

NWS National Tsunami Warning Center Palmer AK

1020 AM PDT Wed Jul 30 2025

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Rincon Point, California (15

miles SE of Santa Barbara) to Ragged Point, California (50

miles NW of San Luis Obispo)

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

\* ALEUTIAN ISLANDS, Samalga Pass, Alaska (30 miles SW of

Nikolski) to Amchitka Pass, Alaska (125 miles W of Adak)

including the Pribilof Islands

Alerts in the following areas have been canceled because

additional information and analysis have better defined the

threat.

\* The Tsunami Advisory is canceled for the coastal areas of

California from Ragged Point, California (50 miles NW of

San Luis Obispo) to Humboldt/Del Norte Line, California

\* The Tsunami Advisory is canceled for the coastal areas of

Oregon and Washington from The Oregon/Cal. Border to The

Wash./BC Border

\* The Tsunami Advisory is canceled for the coastal areas of

Aleutian Islands from Amchitka Pass, Alaska (125 miles W of

Adak) to Attu, Alaska

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 20

NWS National Tsunami Warning Center Palmer AK

1119 AM PDT Wed Jul 30 2025

UPDATES

-------

\* Revised alert areas

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Rincon Point, California (15

miles SE of Santa Barbara) to Ragged Point, California (50

miles NW of San Luis Obispo)

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

Alerts in the following areas have been canceled because

additional information and analysis have better defined the

threat.

\* The Tsunami Advisory is canceled for the coastal areas of

Aleutian Islands from Samalga Pass, Alaska (30 miles SW of

Nikolski) to Amchitka Pass, Alaska (125 miles W of Adak)

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 21

NWS National Tsunami Warning Center Palmer AK

1221 PM PDT Wed Jul 30 2025

UPDATES

-------

\* There are no updates in this message

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Rincon Point, California (15

miles SE of Santa Barbara) to Ragged Point, California (50

miles NW of San Luis Obispo)

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 22

NWS National Tsunami Warning Center Palmer AK

119 PM PDT Wed Jul 30 2025

UPDATES

-------

\* Revised alert areas

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Rincon Point, California (15

miles SE of Santa Barbara) to Point Conception, California

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

Alerts in the following areas have been canceled because

additional information and analysis have better defined the

threat.

\* The Tsunami Advisory is canceled for the coastal areas of

California from Point Conception, California to Ragged

Point, California (50 miles NW of San Luis Obispo)

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 23

NWS National Tsunami Warning Center Palmer AK

220 PM PDT Wed Jul 30 2025

UPDATES

-------

\* Revised alert areas

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

Alerts in the following areas have been canceled because

additional information and analysis have better defined the

threat.

\* The Tsunami Advisory is canceled for the coastal areas of

California from Rincon Point, California (15 miles SE of

Santa Barbara) to Point Conception, California

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 24

NWS National Tsunami Warning Center Palmer AK

319 PM PDT Wed Jul 30 2025

UPDATES

-------

\* There are no updates in this message

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 25

NWS National Tsunami Warning Center Palmer AK

420 PM PDT Wed Jul 30 2025

UPDATES

-------

\* There are no updates in this message

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 26

NWS National Tsunami Warning Center Palmer AK

520 PM PDT Wed Jul 30 2025

UPDATES

-------

\* There are no updates in this message

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 27

NWS National Tsunami Warning Center Palmer AK

620 PM PDT Wed Jul 30 2025

UPDATES

-------

\* There are no updates in this message

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 28

NWS National Tsunami Warning Center Palmer AK

722 PM PDT Wed Jul 30 2025

UPDATES

-------

\* There are no updates in this message

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 29

NWS National Tsunami Warning Center Palmer AK

821 PM PDT Wed Jul 30 2025

UPDATES

-------

\* There are no updates in this message

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 60 minutes.

$$

Public Tsunami Message Number 30

NWS National Tsunami Warning Center Palmer AK

922 PM PDT Wed Jul 30 2025

UPDATES

-------

UPDATE: We are moving to a 2-hr cadence on issuing bulletins.

UPDATE, con't: The next bulletin (#31) will be at 0620 UTC.

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2321 PDT Jul 29 2.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 120 minutes.

$$

Public Tsunami Message Number 31

NWS National Tsunami Warning Center Palmer AK

1120 PM PDT Wed Jul 30 2025

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2324 PDT Jul 29 1.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0127 PDT Jul 30 1.4ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0139 PDT Jul 30 4.0ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0423 PDT Jul 30 2.6ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0214 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 0302 PDT Jul 30 1.3ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 120 minutes.

$$

Public Tsunami Message Number 32

NWS National Tsunami Warning Center Palmer AK

135 AM PDT Thu Jul 31 2025

UPDATES

-------

\* Updated observations

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2324 PDT Jul 29 1.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0314 PDT Jul 30 2.1ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.2ft

Crescent City CA 0144 PDT Jul 30 3.7ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0112 PDT Jul 30 3.0ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0426 PDT Jul 30 2.5ft

Monterey California 0424 PDT Jul 30 1.5ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0221 PDT Jul 30 2.7ft

San Francisco CA 0224 PDT Jul 30 1.2ft

Santa Barbara CA 1918 PDT Jul 30 1.8ft

Richmond California 0241 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0412 PDT Jul 30 0.9ft

Los Angeles Harbor CA 0313 PDT Jul 30 0.5ft

La Jolla California 0413 PDT Jul 30 0.5ft

San Diego California 0318 PDT Jul 30 0.5ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 120 minutes.

$$

Public Tsunami Message Number 33

NWS National Tsunami Warning Center Palmer AK

318 AM PDT Thu Jul 31 2025

UPDATES

-------

\* Updated observations

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2324 PDT Jul 29 1.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 0440 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 0455 PDT Jul 30 1.0ft

Tofino British Columbia 0156 PDT Jul 30 0.5ft

Port Orford Oregon 0314 PDT Jul 30 2.1ft

La Push Washington 0342 PDT Jul 30 1.3ft

Neah Bay Washington 0248 PDT Jul 30 0.4ft

Charleston Oregon 0443 PDT Jul 30 0.9ft

Humboldt Bay California 0132 PDT Jul 30 1.3ft

Crescent City CA 0144 PDT Jul 30 3.9ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0423 PDT Jul 30 0.6ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0118 PDT Jul 30 2.9ft

Toke Point Washington 0053 PDT Jul 30 0.4ft

Point Reyes California 0426 PDT Jul 30 2.5ft

Monterey California 0428 PDT Jul 30 1.4ft

Port Angeles Washington 0646 PDT Jul 30 1.2ft

Astoria Oregon 0525 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0221 PDT Jul 30 2.7ft

San Francisco CA 0230 PDT Jul 30 1.1ft

Santa Barbara CA 1918 PDT Jul 30 1.8ft

Richmond California 0246 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0627 PDT Jul 30 1.3ft

Los Angeles Harbor CA 1441 PDT Jul 30 0.8ft

La Jolla California 0651 PDT Jul 30 0.6ft

San Diego California 0802 PDT Jul 30 0.8ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 0107 PDT Jul 30 1.2ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 120 minutes.

$$

Public Tsunami Message Number 34

NWS National Tsunami Warning Center Palmer AK

520 AM PDT Thu Jul 31 2025

UPDATES

-------

\* Updated observations

...THE TSUNAMI ADVISORY REMAINS IN EFFECT...

Tsunami Advisory in Effect for;

\* CALIFORNIA, The coast from Humboldt/Del Norte Line,

California to The Oregon/Cal. Border

For other US and Canadian Pacific coasts in North America,

there is no tsunami threat.

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.8ft

Atka Alaska 2149 PDT Jul 29 1.5ft

Adak Alaska 2324 PDT Jul 29 1.7ft

Nikolski Alaska 2227 PDT Jul 29 1.2ft

Unalaska Alaska 0.8ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 0.3ft

King Cove Alaska 0.0ft

Langara BC 1644 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 1403 PDT Jul 30 0.8ft

Tofino British Columbia 0433 PDT Jul 30 0.8ft

Port Orford Oregon 0314 PDT Jul 30 2.2ft

La Push Washington 0613 PDT Jul 30 1.4ft

Neah Bay Washington 2210 PDT Jul 30 0.4ft

Charleston Oregon 1131 PDT Jul 30 1.0ft

Humboldt Bay California 0132 PDT Jul 30 1.3ft

Crescent City CA 0144 PDT Jul 30 3.9ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0611 PDT Jul 30 0.7ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0118 PDT Jul 30 2.9ft

Toke Point Washington 1339 PDT Jul 30 0.6ft

Point Reyes California 0426 PDT Jul 30 2.5ft

Monterey California 0428 PDT Jul 30 1.4ft

Port Angeles Washington 0646 PDT Jul 30 1.1ft

Astoria Oregon 0529 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0221 PDT Jul 30 2.7ft

San Francisco CA 0230 PDT Jul 30 1.1ft

Santa Barbara CA 1918 PDT Jul 30 1.8ft

Richmond California 0246 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0627 PDT Jul 30 1.3ft

Los Angeles Harbor CA 1441 PDT Jul 30 0.8ft

La Jolla California 0651 PDT Jul 30 0.6ft

San Diego California 0802 PDT Jul 30 0.8ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 1719 PDT Jul 30 1.7ft

Wauna OR 0541 PDT Jul 30 0.4ft

PRELIMINARY EARTHQUAKE PARAMETERS

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

\* Magnitude 8.8

\* Origin Time 1525 AKDT Jul 29 2025

1625 PDT Jul 29 2025

2325 UTC Jul 29 2025

\* Coordinates 52.2 North 160.0 East

\* Depth 46 miles

\* Location 315 miles SW of Bering I., Komandorski

80 miles SE of Petropavlovsk, Kamchatka

RECOMMENDED ACTIONS

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

\* See message number 17 for recommended actions.

IMPACTS

-------

\* See message number 17 for possible impacts.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal residents outside California, Oregon,

Washington, British Columbia and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This message will be updated within 120 minutes.

$$

Public Tsunami Message Number 35

NWS National Tsunami Warning Center Palmer AK

717 AM PDT Thu Jul 31 2025

...THE TSUNAMI ADVISORY IS CANCELLED...

\* The Tsunami Advisory is canceled for the coastal areas of

California

OBSERVATIONS OF TSUNAMI ACTIVITY - UPDATED

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

\* Observed max tsunami height is the highest recorded water level

above the tide level up to the time of this message.

TIME OBSERVED MAX

SITE OF MEASUREMENT TSUNAMI HEIGHT

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

Amchitka Alaska 0056 PDT Jul 30 1.7ft

Atka Alaska 2149 PDT Jul 29 1.6ft

Adak Alaska 2321 PDT Jul 29 2.3ft

Nikolski Alaska 2227 PDT Jul 29 1.3ft

Unalaska Alaska 1201 PDT Jul 30 1.0ft

Saint Paul Alaska 0.4ft

Sand Point Alaska 1507 PDT Jul 30 0.9ft

King Cove Alaska 0541 PDT Jul 30 1.5ft

Kodiak Alaska 1506 PDT Jul 30 0.8ft

Port Alexander Alaska 0604 PDT Jul 30 0.6ft

Yakutat Alaska 1710 PDT Jul 30 0.7ft

Sitka Alaska 0610 PDT Jul 30 0.6ft

Langara BC 1644 PDT Jul 30 0.9ft

Mothra Endeavour Canada 1731 PDT Jul 29 0.3ft

Main Endeavour Field CA 1739 PDT Jul 29 0.3ft

Winter Harbour BC 1403 PDT Jul 30 0.8ft

Craig Alaska 1623 PDT Jul 30 0.4ft

Tofino British Columbia 0433 PDT Jul 30 0.8ft

Port Orford Oregon 0314 PDT Jul 30 2.2ft

La Push Washington 0613 PDT Jul 30 1.4ft

Neah Bay Washington 2210 PDT Jul 30 0.4ft

Charleston Oregon 1131 PDT Jul 30 1.0ft

Humboldt Bay California 0132 PDT Jul 30 1.3ft

Crescent City CA 0144 PDT Jul 30 3.9ft

Bamfield BC 0053 PDT Jul 30 0.4ft

Newport Oregon 0611 PDT Jul 30 0.7ft

Westport South Bay WA 0043 PDT Jul 30 0.5ft

Arena Cove California 0118 PDT Jul 30 2.9ft

Toke Point Washington 1339 PDT Jul 30 0.6ft

Point Reyes California 0426 PDT Jul 30 2.5ft

Monterey California 0428 PDT Jul 30 1.4ft

Port Angeles Washington 0646 PDT Jul 30 1.1ft

Astoria Oregon 0529 PDT Jul 30 0.5ft

Victoria Harbor BC 0123 PDT Jul 30 0.2ft

Bella Bella BC 1724 PDT Jul 29 0.5ft

Port San Luis CA 0221 PDT Jul 30 2.7ft

San Francisco CA 0230 PDT Jul 30 1.1ft

Santa Barbara CA 1918 PDT Jul 30 1.8ft

Richmond California 0246 PDT Jul 30 0.8ft

Alameda California 0247 PDT Jul 30 1.2ft

Santa Monica California 0627 PDT Jul 30 1.3ft

Los Angeles Harbor CA 1441 PDT Jul 30 0.8ft

La Jolla California 0651 PDT Jul 30 0.6ft

San Diego California 0802 PDT Jul 30 0.8ft

Redwood City California 0425 PDT Jul 30 0.6ft

Kushiro Japan 1.1ft

Abashiri Japan 0.8ft

Midway Island UM 1.0ft

Bella Bella BC 0232 PDT Jul 30 0.6ft

Hanasaki Japan 1.1ft

Nikolskoe Russia 1714 PDT Jul 29 0.2ft

Port Alberni BC 1719 PDT Jul 30 1.7ft

Wauna OR 0541 PDT Jul 30 0.4ft

RECOMMENDED ACTIONS - UPDATED

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

\* Do not re-occupy hazard zones until local emergency officials

indicate it is safe to do so.

IMPACTS - UPDATED

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

\* Tsunami activity has subsided along the coasts of the U.S.

west coast states, British Columbia, and Alaska.

\* Ongoing activity may persist in some areas causing strong

currents dangerous to swimmers and boats.

\* The determination to re-occupy hazard zones must be made

by local officials.

ADDITIONAL INFORMATION AND NEXT UPDATE

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

\* Refer to the internet site tsunami.gov for more information.

\* Pacific coastal regions outside California, Oregon,

Washington, British Columbia, and Alaska should refer to the

Pacific Tsunami Warning Center messages at tsunami.gov.

\* This will be the final U.S. National Tsunami Warning Center

message issued for this event.

$$