**NOAA National Tsunami Warning Center Messages – 15 January 2022**

**Tsunami Information Statement Number 1  
NWS National Tsunami Warning Center Palmer AK  
300 AM PST Sat Jan 15 2022**  
  
..THIS IS A TSUNAMI INFORMATION STATEMENT FOR ALASKA, BRITISH  
   COLUMBIA, WASHINGTON, OREGON AND CALIFORNIA...  
  
EVALUATION  
----------  
 \* Earthquakes of this size are known to generate tsunamis  
   potentially dangerous to coasts outside the source region.  
  
 \* The U.S. National Tsunami Warning Center is analyzing  
   the event to determine the level of danger.  
  
 \* More information will be issued as it becomes available.  
  
 \* This earthquake has the potential to generate a destructive  
   tsunami in the source region.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* The following parameters are based on a rapid preliminary  
   assessment of the earthquake and changes may occur.  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
ADDITIONAL INFORMATION AND NEXT UPDATE  
--------------------------------------  
 \* Refer to the internet site [tsunami.gov](http://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](http://tsunami.gov/).  
  
 \* Messages will be issued hourly to keep you informed of the  
   progress of this event.  
  
$$

**Public Tsunami Message Number 2  
NWS National Tsunami Warning Center Palmer AK  
453 AM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* Revised alert areas  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please Disregard Earthquake Parameters  
  
  
..A TSUNAMI ADVISORY IS NOW IN EFFECT...  
  
  
  
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  
  
 \* 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 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  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* The following parameters are based on a rapid preliminary  
   assessment of the earthquake and changes may occur.  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
FORECASTS OF TSUNAMI ACTIVITY  
-----------------------------  
 \* Tsunami activity is forecasted to start at the following  
   locations at the specified times.  
  
                 FORECAST  
                 START  
SITE             OF TSUNAMI  
----             ----------  
  
 \* Alaska  
Adak             0600 AKST Jan 15  
Shemya           0615 AKST Jan 15  
Unalaska         0650 AKST Jan 15  
Sand Point       0710 AKST Jan 15  
Saint Paul       0735 AKST Jan 15  
Cold Bay         0745 AKST Jan 15  
Kodiak           0750 AKST Jan 15  
Sitka            0755 AKST Jan 15  
Elfin Cove       0755 AKST Jan 15  
Seward           0815 AKST Jan 15  
Yakutat          0815 AKST Jan 15  
Valdez           0830 AKST Jan 15  
Craig            0835 AKST Jan 15  
Cordova          0840 AKST Jan 15  
Homer            0905 AKST Jan 15  
  
 \* California  
Fort Bragg       0735  PST Jan 15  
Monterey         0735  PST Jan 15  
Port San Luis    0740  PST Jan 15  
Santa Barbara    0745  PST Jan 15  
La Jolla         0750  PST Jan 15  
Los Angeles Harb 0750  PST Jan 15  
Newport Beach    0755  PST Jan 15  
Oceanside        0755  PST Jan 15  
Crescent City    0800  PST Jan 15  
San Francisco    0810  PST Jan 15  
  
 \* Oregon  
Port Orford      0755  PST Jan 15  
Brookings        0800  PST Jan 15  
Charleston       0810  PST Jan 15  
Newport          0830  PST Jan 15  
Seaside          0845  PST Jan 15  
  
 \* British Columbia  
Langara          0830  PST Jan 15  
Tofino           0850  PST Jan 15  
  
 \* Washington  
Long Beach       0835  PST Jan 15  
La Push          0845  PST Jan 15  
Neah Bay         0850  PST Jan 15  
Westport         0850  PST Jan 15  
Moclips          0855  PST Jan 15  
Port Angeles     0930  PST Jan 15  
Port Townsend    0955  PST Jan 15  
  
  
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 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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
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**Public Tsunami Message Number 3  
NWS National Tsunami Warning Center Palmer AK  
527 AM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please Disregard Earthquake Parameters  
 \* Advisory level wave amplitudes Observed in Hawaii  
  
  
..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
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  
  
 \* 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 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

PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).

 \* This message will be updated within 30 minutes.



$$

**Public Tsunami Message Number 4  
NWS National Tsunami Warning Center Palmer AK  
609 AM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard Earthquake Parameters  
 \* Advisory level wave amplitudes observed in Hawaii



..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
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  
  
 \* 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 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  
  
  
FORECASTS OF TSUNAMI ACTIVITY  
-----------------------------  
 \* Tsunami activity is forecasted to start at the following  
   locations at the specified times.  
  
                 FORECAST  
                 START  
SITE             OF TSUNAMI  
----             ----------  
  
 \* Alaska  
Adak             0600 AKST Jan 15  
Shemya           0615 AKST Jan 15  
Unalaska         0650 AKST Jan 15  
Sand Point       0710 AKST Jan 15  
Saint Paul       0735 AKST Jan 15  
Cold Bay         0745 AKST Jan 15  
Kodiak           0750 AKST Jan 15  
Sitka            0755 AKST Jan 15  
Elfin Cove       0755 AKST Jan 15  
Seward           0815 AKST Jan 15  
Yakutat          0815 AKST Jan 15  
Valdez           0830 AKST Jan 15  
Craig            0835 AKST Jan 15  
Cordova          0840 AKST Jan 15  
Homer            0905 AKST Jan 15  
  
 \* California  
Fort Bragg       0735  PST Jan 15  
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La Jolla         0750  PST Jan 15  
Los Angeles Harb 0750  PST Jan 15  
Newport Beach    0755  PST Jan 15  
Oceanside        0755  PST Jan 15  
Crescent City    0800  PST Jan 15  
San Francisco    0810  PST Jan 15  
  
 \* Oregon  
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Brookings        0800  PST Jan 15  
Charleston       0810  PST Jan 15  
Newport          0830  PST Jan 15  
Seaside          0845  PST Jan 15  
  
 \* British Columbia  
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Tofino           0850  PST Jan 15  
  
 \* Washington  
Long Beach       0835  PST Jan 15  
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Westport         0850  PST Jan 15  
Moclips          0855  PST Jan 15  
Port Angeles     0930  PST Jan 15  
Port Townsend    0955  PST Jan 15  
  
  
OBSERVATIONS OF TSUNAMI ACTIVITY  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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  
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 \* Refer to the internet site [tsunami.gov](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 30 minutes.  
  
$$

**Public Tsunami Message Number 5  
NWS National Tsunami Warning Center Palmer AK  
632 AM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Advisory level waves continue to be observed in Hawaii

..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
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  
  
 \* 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 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  
  
  
FORECASTS OF TSUNAMI ACTIVITY  
-----------------------------  
 \* Tsunami activity is forecasted to start at the following  
   locations at the specified times.  
  
                 FORECAST  
                 START  
SITE             OF TSUNAMI  
----             ----------  
  
 \* Alaska  
Adak             0600 AKST Jan 15  
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Elfin Cove       0755 AKST Jan 15  
Seward           0815 AKST Jan 15  
Yakutat          0815 AKST Jan 15  
Valdez           0830 AKST Jan 15  
Craig            0835 AKST Jan 15  
Cordova          0840 AKST Jan 15  
Homer            0905 AKST Jan 15  
  
 \* California  
Fort Bragg       0735  PST Jan 15  
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Newport Beach    0755  PST Jan 15  
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Crescent City    0800  PST Jan 15  
San Francisco    0810  PST Jan 15  
  
 \* Oregon  
Port Orford      0755  PST Jan 15  
Brookings        0800  PST Jan 15  
Charleston       0810  PST Jan 15  
Newport          0830  PST Jan 15  
Seaside          0845  PST Jan 15  
  
 \* British Columbia  
Langara          0830  PST Jan 15  
Tofino           0850  PST Jan 15  
  
 \* Washington  
Long Beach       0835  PST Jan 15  
La Push          0845  PST Jan 15  
Neah Bay         0850  PST Jan 15  
Westport         0850  PST Jan 15  
Moclips          0855  PST Jan 15  
Port Angeles     0930  PST Jan 15  
Port Townsend    0955  PST Jan 15  
  
  
OBSERVATIONS OF TSUNAMI ACTIVITY  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.



$$

**Public Tsunami Message Number 6  
NWS National Tsunami Warning Center Palmer AK  
728 AM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Advisory level waves continue to be observed in Hawaii  
 \* Sea level fluctuations are beginning in Alaska and California



..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
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  
  
 \* 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 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  
  
  
FORECASTS OF TSUNAMI ACTIVITY  
-----------------------------  
 \* Tsunami activity is forecasted to start at the following  
   locations at the specified times.  
  
                 FORECAST  
                 START  
SITE             OF TSUNAMI  
----             ----------  
  
 \* Alaska  
Adak             0600 AKST Jan 15  
Shemya           0615 AKST Jan 15  
Unalaska         0650 AKST Jan 15  
Sand Point       0710 AKST Jan 15  
Saint Paul       0735 AKST Jan 15  
Cold Bay         0745 AKST Jan 15  
Kodiak           0750 AKST Jan 15  
Sitka            0755 AKST Jan 15  
Elfin Cove       0755 AKST Jan 15  
Seward           0815 AKST Jan 15  
Yakutat          0815 AKST Jan 15  
Valdez           0830 AKST Jan 15  
Craig            0835 AKST Jan 15  
Cordova          0840 AKST Jan 15  
Homer            0905 AKST Jan 15  
  
 \* California  
Fort Bragg       0735  PST Jan 15  
Monterey         0735  PST Jan 15  
Port San Luis    0740  PST Jan 15  
Santa Barbara    0745  PST Jan 15  
La Jolla         0750  PST Jan 15  
Los Angeles Harb 0750  PST Jan 15  
Newport Beach    0755  PST Jan 15  
Oceanside        0755  PST Jan 15  
Crescent City    0800  PST Jan 15  
San Francisco    0810  PST Jan 15  
  
 \* Oregon  
Port Orford      0755  PST Jan 15  
Brookings        0800  PST Jan 15  
Charleston       0810  PST Jan 15  
Newport          0830  PST Jan 15  
Seaside          0845  PST Jan 15  
  
 \* British Columbia  
Langara          0830  PST Jan 15  
Tofino           0850  PST Jan 15  
  
 \* Washington  
Long Beach       0835  PST Jan 15  
La Push          0845  PST Jan 15  
Neah Bay         0850  PST Jan 15  
Westport         0850  PST Jan 15  
Moclips          0855  PST Jan 15  
Port Angeles     0930  PST Jan 15  
Port Townsend    0955  PST Jan 15  
  
  
OBSERVATIONS OF TSUNAMI ACTIVITY  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 7  
NWS National Tsunami Warning Center Palmer AK  
828 AM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Advisory level waves are being observed in Alaska & California

..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
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  
  
 \* 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 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  
  
  
FORECASTS OF TSUNAMI ACTIVITY  
-----------------------------  
 \* Tsunami activity is forecasted to start at the following  
   locations at the specified times.  
  
                 FORECAST  
                 START  
SITE             OF TSUNAMI  
----             ----------  
  
 \* Alaska

Unalaska         0650 AKST Jan 15  
Sand Point       0710 AKST Jan 15  
Saint Paul       0735 AKST Jan 15  
Cold Bay         0745 AKST Jan 15  
Kodiak           0750 AKST Jan 15  
Sitka            0755 AKST Jan 15  
Elfin Cove       0755 AKST Jan 15  
Seward           0815 AKST Jan 15  
Yakutat          0820 AKST Jan 15  
Valdez           0835 AKST Jan 15  
Craig            0835 AKST Jan 15  
Cordova          0845 AKST Jan 15  
Homer            0905 AKST Jan 15  
  
 \* California  
Fort Bragg       0735  PST Jan 15  
Monterey         0740  PST Jan 15  
Port San Luis    0745  PST Jan 15  
Santa Barbara    0745  PST Jan 15  
La Jolla         0750  PST Jan 15  
Los Angeles Harb 0750  PST Jan 15  
Newport Beach    0755  PST Jan 15  
Oceanside        0755  PST Jan 15  
Crescent City    0800  PST Jan 15  
San Francisco    0810  PST Jan 15  
  
 \* Oregon  
Port Orford      0755  PST Jan 15  
Brookings        0800  PST Jan 15  
Charleston       0810  PST Jan 15  
Newport          0830  PST Jan 15  
Seaside          0845  PST Jan 15  
  
 \* British Columbia  
Langara          0835  PST Jan 15  
Tofino           0850  PST Jan 15  
  
 \* Washington  
Long Beach       0840  PST Jan 15  
La Push          0845  PST Jan 15  
Neah Bay         0855  PST Jan 15



Westport         0850  PST Jan 15  
Moclips          0855  PST Jan 15  
Port Angeles     0930  PST Jan 15  
Port Townsend    0955  PST Jan 15  
  
  
OBSERVATIONS OF TSUNAMI ACTIVITY  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 8  
NWS National Tsunami Warning Center Palmer AK  
932 AM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Advisory level waves are being observed along US Pacific coasts  
 \* Some maximum wave amplitudes continue to increase

..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
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  
  
 \* 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 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  
  
  
FORECASTS OF TSUNAMI ACTIVITY  
-----------------------------  
 \* Tsunami activity is forecasted to start at the following  
   locations at the specified times.  
  
                 FORECAST  
                 START  
SITE             OF TSUNAMI  
----             ----------  
  
 \* Alaska

Saint Paul       0735 AKST Jan 15  
Cold Bay         0745 AKST Jan 15  
Kodiak           0750 AKST Jan 15  
Sitka            0755 AKST Jan 15  
Elfin Cove       0755 AKST Jan 15  
Seward           0815 AKST Jan 15  
Yakutat          0820 AKST Jan 15  
Valdez           0835 AKST Jan 15  
Craig            0835 AKST Jan 15  
Cordova          0845 AKST Jan 15  
Homer            0905 AKST Jan 15  
  
 \* Oregon



Seaside          0845  PST Jan 15  
  
 \* British Columbia  
Langara          0835  PST Jan 15  
Tofino           0850  PST Jan 15  
  
 \* Washington  
Long Beach       0840  PST Jan 15  
La Push          0845  PST Jan 15  
Neah Bay         0855  PST Jan 15  
Westport         0850  PST Jan 15  
Moclips          0855  PST Jan 15  
Port Angeles     0930  PST Jan 15  
Port Townsend    0955  PST Jan 15  
  
  
OBSERVATIONS OF TSUNAMI ACTIVITY  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 9  
NWS National Tsunami Warning Center Palmer AK  
1027 AM PST Sat Jan 15 2022**

UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Advisory level waves are being observed along US Pacific coasts  
 \* Some maximum wave amplitudes continue to increase  
  
  
..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
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  
  
 \* 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 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  
  
  
FORECASTS OF TSUNAMI ACTIVITY  
-----------------------------  
 \* Tsunami activity is forecasted to start at the following  
   locations at the specified times.  
  
                 FORECAST  
                 START  
SITE             OF TSUNAMI  
----             ----------  
  
 \* Alaska

Valdez           0835 AKST Jan 15  
Craig            0835 AKST Jan 15  
Cordova          0845 AKST Jan 15  
Homer            0905 AKST Jan 15  
  
 \* Washington



Port Angeles     0930  PST Jan 15  
Port Townsend    0955  PST Jan 15  
  
  
OBSERVATIONS OF TSUNAMI ACTIVITY  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 10  
NWS National Tsunami Warning Center Palmer AK  
1130 AM PST Sat Jan 15 2022**

UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Advisory level waves are being observed along US Pacific coasts  
 \* Some maximum wave amplitudes continue to increase  
  
  
..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
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  
  
 \* 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 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  
  
  
OBSERVATIONS OF TSUNAMI ACTIVITY  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 11  
NWS National Tsunami Warning Center Palmer AK  
1231 PM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* Revised alert areas  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Advisory level waves are being observed along US Pacific coasts  
 \* Wave amplitudes appear to have peaked at most locations  
  
  
..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
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 outer west coast of Vancouver Island  
   and 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  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 12  
NWS National Tsunami Warning Center Palmer AK  
130 PM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* Revised alert areas  
 \* A tsunami has been confirmed and some impacts are expected  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Wave amplitudes appear to have peaked at most locations  
  
  
..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
Tsunami Advisory in Effect for;  
  
 \* CALIFORNIA, The coast from Orange/San Diego Line,  
   California (45 miles SE of L.A.) 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 outer west coast of Vancouver Island  
   and 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  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 13  
NWS National Tsunami Warning Center Palmer AK  
229 PM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* Revised alert areas  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Wave amplitudes appear to have peaked at most locations  
 \* Advisory level waves are being observed along US Pacific coasts  
  
  
..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
Tsunami Advisory in Effect for;  
  
 \* CALIFORNIA, The coast from Orange/San Diego Line,  
   California (45 miles SE of L.A.) 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  
  
 \* 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  
   British Columbia from The Wash./BC Border  to North  
   Vancouver Island, British Columbia



For other US and Canadian Pacific coasts in North America,  
there is no tsunami threat.  
  
  
OBSERVATIONS OF TSUNAMI ACTIVITY  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 14  
NWS National Tsunami Warning Center Palmer AK  
329 PM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Wave amplitudes appear to have peaked at most locations  
 \* Advisory level waves decreasing along US Pacific coasts



..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
Tsunami Advisory in Effect for;  
  
 \* CALIFORNIA, The coast from Orange/San Diego Line,  
   California (45 miles SE of L.A.) 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  
  
 \* 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  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 15  
NWS National Tsunami Warning Center Palmer AK  
431 PM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* Revised alert areas  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Wave amplitudes continue to decrease along US Pacific coasts  
 \* Advisory level waves persist in California  
  
  
..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
Tsunami Advisory in Effect for;  
  
 \* CALIFORNIA, The coast from Orange/San Diego Line,  
   California (45 miles SE of L.A.) to The Oregon/Cal. Border  
    including San Francisco Bay  
  
  
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  
   Oregon and Washington from The Oregon/Cal. Border  to The  
   Wash./BC 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 Attu, Alaska



For other US and Canadian Pacific coasts in North America,  
there is no tsunami threat.  
  
  
OBSERVATIONS OF TSUNAMI ACTIVITY  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 16  
NWS National Tsunami Warning Center Palmer AK  
529 PM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* Revised alert areas  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Wave amplitudes continue to decrease along California coasts  
 \* Advisory level waves persist in California  
  
  
..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
Tsunami Advisory in Effect for;  
  
 \* CALIFORNIA, The coast from Orange/San Diego Line,  
   California (45 miles SE of L.A.) to Gualala River,  
   California (80 miles NW of San Francisco) including San  
   Francisco Bay  
  
 \* 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  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

Public Tsunami Message Number 17  
NWS National Tsunami Warning Center Palmer AK  
630 PM PST Sat Jan 15 2022

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

 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Wave amplitudes continue to decrease along California coasts  
 \* Advisory level waves persist in California  
  
  
..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
Tsunami Advisory in Effect for;  
  
 \* CALIFORNIA, The coast from Orange/San Diego Line,  
   California (45 miles SE of L.A.) to Gualala River,  
   California (80 miles NW of San Francisco) including San  
   Francisco Bay  
  
 \* 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  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 18  
NWS National Tsunami Warning Center Palmer AK  
725 PM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* Revised alert areas  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Wave amplitudes continue to decrease along California coasts  
 \* Advisory level waves persist in California  
  
  
..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 Davenport, California (10  
   miles NW of Santa Cruz)  
  
 \* 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 Davenport, California (10 miles NW of Santa  
   Cruz) to Gualala River, California (80 miles NW of San  
   Francisco)



For other US and Canadian Pacific coasts in North America,  
there is no tsunami threat.  
  
  
OBSERVATIONS OF TSUNAMI ACTIVITY  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 19  
NWS National Tsunami Warning Center Palmer AK  
827 PM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* Revised alert areas  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Wave amplitudes continue to decrease along California coasts  
 \* Advisory level waves persist in California  
  
  
..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  
   California from Ragged Point, California (50 miles NW of  
   San Luis Obispo) to Davenport, California (10 miles NW of  
   Santa Cruz)



For other US and Canadian Pacific coasts in North America,  
there is no tsunami threat.  
  
  
OBSERVATIONS OF TSUNAMI ACTIVITY  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 20  
NWS National Tsunami Warning Center Palmer AK  
927 PM PST Sat Jan 15 2022**

UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Wave amplitudes continue to decrease along California coasts  
 \* Advisory level waves persist in California  
  
  
..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  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 21  
NWS National Tsunami Warning Center Palmer AK  
1024 PM PST Sat Jan 15 2022**  
  
UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* Revised alert areas  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Wave amplitudes continue to decrease along California coasts  
 \* Advisory level waves persist at Port San Luis, CA  
  
  
..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
Tsunami Advisory in Effect for;  
  
 \* CALIFORNIA, The coast from Point Conception, California to  
   Ragged Point, California (50 miles NW of San Luis Obispo)  
  
  
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 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  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 22  
NWS National Tsunami Warning Center Palmer AK  
1128 PM PST Sat Jan 15 2022**

UPDATES  
-------  
 \* A tsunami has been confirmed and some impacts are expected  
 \* A Volcanic Eruption has occured in the Tonga Islands  
 \* Please disregard earthquake parameters  
 \* Wave amplitudes continue to decrease along California coasts  
  
  
..THE TSUNAMI ADVISORY REMAINS IN EFFECT...  
  
  
  
Tsunami Advisory in Effect for;  
  
 \* CALIFORNIA, The coast 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  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
PRELIMINARY EARTHQUAKE PARAMETERS  
---------------------------------  
  
 \* Magnitude      1.0  
 \* Origin Time    1927 AKST Jan 14 2022  
                  2027  PST Jan 14 2022  
                  0427  UTC Jan 15 2022  
 \* Coordinates    20.5 South 175.4 West  
 \* Depth          1 miles  
 \* Location       near the Tonga Islands  
  
  
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](http://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](http://tsunami.gov/).  
  
 \* This message will be updated within 60 minutes.  
  
$$

**Public Tsunami Message Number 23  
NWS National Tsunami Warning Center Palmer AK  
1226 AM PST Sun Jan 16 2022**  
  
..THE TSUNAMI ADVISORY IS CANCELLED...  
  
 \* The Tsunami Advisory is canceled for the coastal areas of  
   California  
  
  
OBSERVATIONS OF TSUNAMI ACTIVITY  
--------------------------------  
 \* No tsunami observations are available to report.  
  
  
RECOMMENDED ACTIONS - UPDATED  
-----------------------------  
 \* Do not re-occupy hazard zones until local emergency officials  
   indicate it is safe to do so.  
  
  
IMPACTS - UPDATED  
-----------------  
 \* No destructive tsunami has been recorded.  
  
 \* No tsunami danger exists for the U.S. west coast, British  
   Columbia and Alaska.  
  
  
ADDITIONAL INFORMATION AND NEXT UPDATE  
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 \* Refer to the internet site [tsunami.gov](http://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](http://tsunami.gov/).  
  
 \* This will be the final U.S. National Tsunami Warning Center  
   message issued for this event.  
  
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