

NOAA Knows Tsunamis

The National Oceanic and Atmospheric Administration (NOAA) offers a number of tsunami-related resources. Links to some of the key resources are noted below.

Websites

- Tsunami.gov (tsunami alerts and more) – <http://www.tsunami.gov/>
- Tsunami Safety – <http://www.weather.gov/tsunamisafety>
- Tsunami Frequently Asked Questions – <http://tsunami.gov/?page=tsunamiFAQ>
- The NOAA Tsunami Program – <http://tsunami.gov/?page=info>
- International Tsunami Information Center – <http://www.tsunamiwave.info>
- Tsunami Data and Information (historical database) – <http://www.ngdc.noaa.gov/hazard/tsu.shtml>



Factsheets, Booklets, Posters, etc.

- Tsunami Safety Brochure – <http://www.nws.noaa.gov/om/Tsunami/resources/Tsunami-brochure17.pdf>
- Tsunami: The Great Waves – available at <http://www.tsunamiwave.info>
- Surviving a Tsunami—Lessons from Chile, Hawaii, and Japan – available at <http://www.tsunamiwave.info>
- Global Hazard Maps – available at <http://www.tsunamiwave.info>

Other useful tsunami links can be found on the National Tsunami Hazard Mitigation Program (NTHMP) website, including:

- Tsunami Maps – <http://nws.weather.gov/nthmp/maps.html>
- U.S. Tsunami Hazard Summary – <http://nws.weather.gov/nthmp/ushazard.html>
- Tsunami Awareness and Safety – <http://nws.weather.gov/nthmp/tsunamisafety.html>

Videos

- Tsunamis: Be Prepared and Stay Safe! – https://youtu.be/x0GX_kc7JZo
- Tsunami Preparedness: Applying Lessons from the Past – <https://youtu.be/mcJNr-cMggk>
- Tsunami Awareness – <http://oceantoday.noaa.gov/tsunamiawareness/>
- Tracking Tsunamis – <http://oceantoday.noaa.gov/trackingtsunamis/>
- Tsunami Strike:
 - Japan Part I: Destruction – <http://oceantoday.noaa.gov/tsunamistrikedestruction/>
 - Part II: Propagation – <http://oceantoday.noaa.gov/tsunamistrikepropagation/>
 - Part III: Warning Systems – <http://oceantoday.noaa.gov/tsunamistrikewarning/>
- Tsunami on Science on a Sphere – <https://youtu.be/WQ9oIN4Bafc>
- TsunamiTeacher USA – https://youtu.be/tUN_UTY0GNo?list=PL3BDBAAAA7D4EB2DA

Online Courses

- Tsunami Strike! Pacific Edition – https://www.meted.ucar.edu/training_module.php?id=813
- Tsunami Strike! Caribbean Edition – https://www.meted.ucar.edu/training_module.php?id=907
- NWS JetStream - Online School for Weather: Tsunamis – http://www.srh.noaa.gov/jetstream/tsunami/tsunami_intro.html

Tsunami Crossword Puzzle

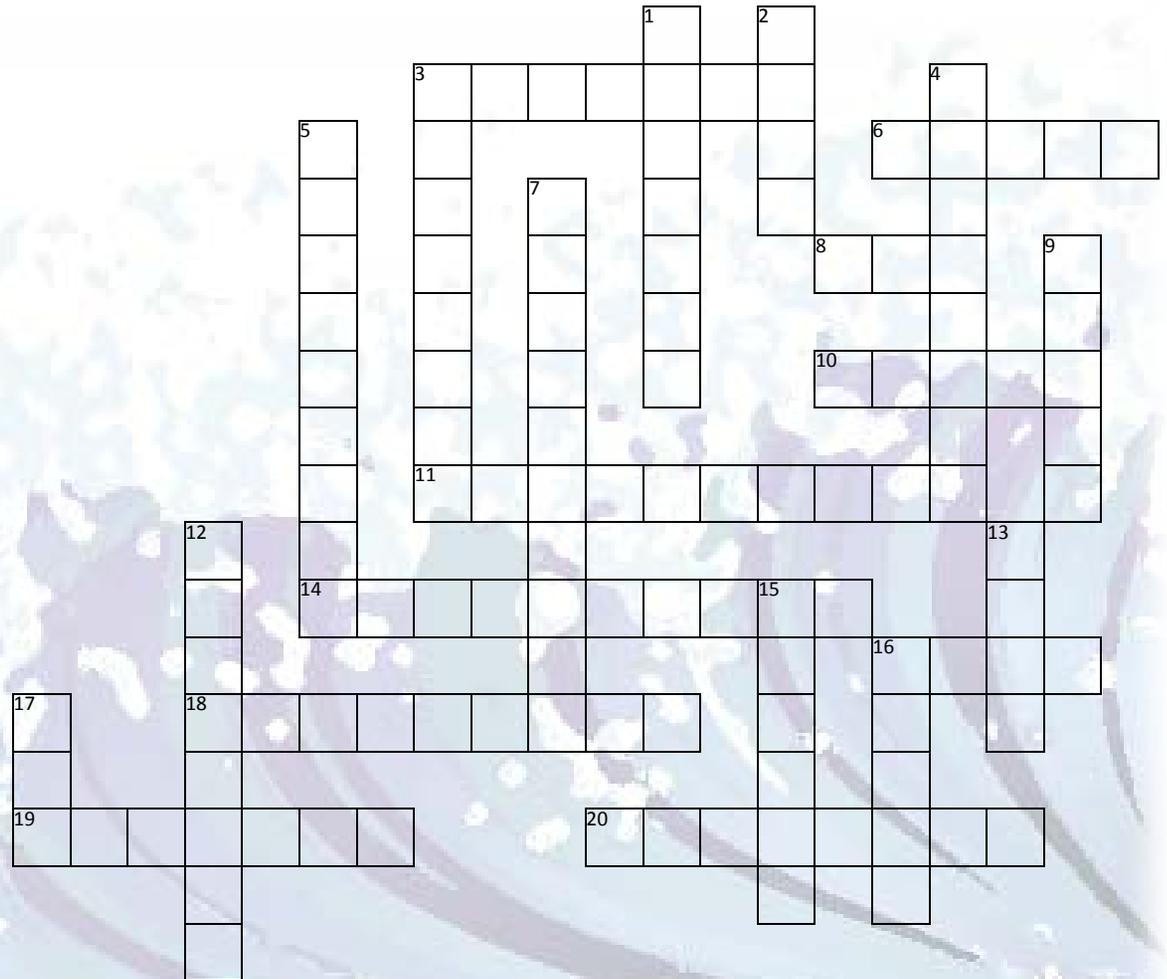
Review the National Weather Service's Tsunami Safety website at www.weather.gov/tsunamisafety and test your knowledge with this puzzle.

Across

- 3 Do this to help protect yourself and loved ones from a tsunami.
- 6 Low-lying coastal areas like this popular spot are particularly vulnerable to tsunamis.
- 8 Use this tool to find routes to safety and safe places.
- 10 Tsunamis can strike any _____.
- 11 This is a natural warning that a tsunami may be on its way.
- 14 A tsunami warning may recommend this.
- 16 A tsunami may sound like this as it approaches land.
- 18 This person shares their knowledge and plans with others.
- 19 A large and sudden displacement of the ocean can cause this series of waves.
- 20 _____ caused by tsunamis can cause great destruction.

Down

- 1 Action is required if you get one of these tsunami alerts.
- 2 Don't forget these family members when making your emergency plan.
- 3 It's not enough to make a plan, you must _____ it, too.
- 4 In the deep ocean, tsunami waves can move as fast as a _____.
- 5 Some tsunamis are caused by this.
- 7 Safe places can be found here.
- 9 This alert means be aware.
- 12 Swimmers should be aware of this tsunami danger.
- 13 You should have one of these so that you are ready for any type of emergency.
- 15 This is the best way to evacuate during a tsunami.
- 16 Make sure you have one of these to receive warnings and tsunami updates.
- 17 Put together one of these so you have all the basic items you and your family may need in an emergency.



Find the answers at <http://www.nws.noaa.gov/om/Tsunami/resources/crosswordanswers.pdf>.