

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



Factsheets, Booklets, Posters, etc.

- Tsunami Safety Brochure – <https://www.weather.gov/media/owlie/Tsunami-brochure-062717.pdf>
- Tsunami: The Great Waves – available at <http://www.tsunamivave.org/>
- Surviving a Tsunami—Lessons from Chile, Hawaii, and Japan – available at <http://www.tsunamivave.org/>
- Global Hazard Maps – available at <http://www.tsunamivave.org/>

Videos

- Tsunamis: Be Prepared and Stay Safe! – https://youtu.be/x0GX_kc7JZo
- Tsunami Preparedness: Applying Lessons from the Past – <https://youtu.be/mcJNr-cMggk>
- Ocean Today Tsunami Videos – <https://oceantoday.noaa.gov/every-full-moon/full-moon-tsunami.html>
 - Tsunami Awareness
 - Tracking Tsunamis
 - Tsunami Strike (Japan – Part I: Destruction, Part II: Propagation, Part III: Warning Systems)
 - Tsunami Aftermath—Marine Debris
 - Tsunami Science: 10 Years since Sumatra
 - Stronger Than the Waves
- Tsunami on Science on a Sphere – <https://youtu.be/WQ9oIN4Bafc>
- TsunamiTeacher USA – https://youtu.be/tUN_UTYOGNo?list=PL3BDBAAAA7D4EB2DA

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

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

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 – https://www.weather.gov/jetstream/tsunami_intro

Tsunami Crossword Puzzle

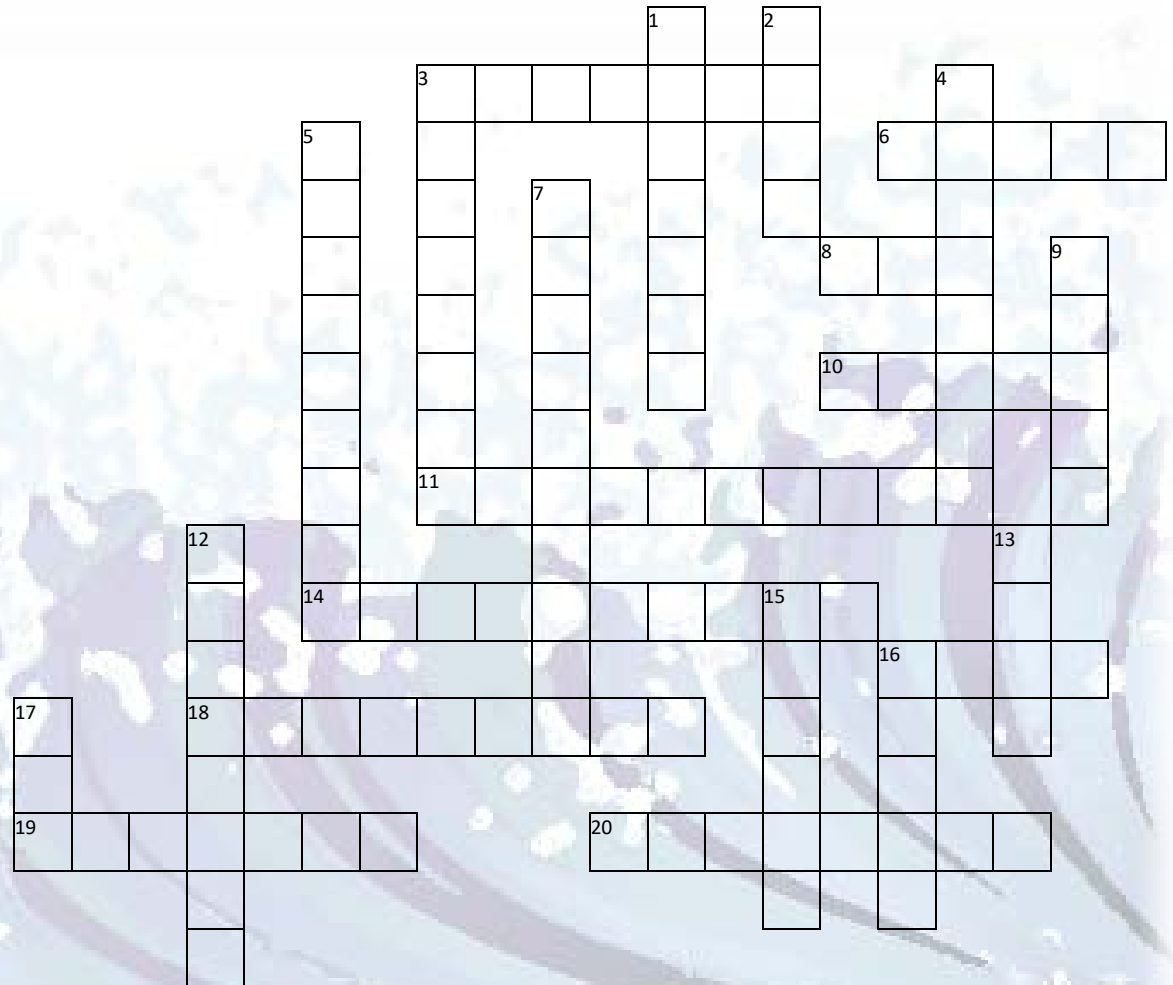
Review the National Weather Service's Tsunami Safety website at www.weather.gov/safety/tsunami and test your knowledge with this puzzle.

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 www.weather.gov/media/safety/crosswordanswers.pdf.

