

Ham Radio and Response Preparedness

A look at the past with an eye on the future...



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What is Emergency Preparedness?

The term refers to the steps you take to make sure you are safe before, during, and after an **emergency** or natural **disaster**.

These plans are important for your safety in natural and man-made disasters as well as accidents.

Earthquakes
Tornados
Hurricanes
Wildfires
Floods
Landslides
Tsunamis
Extreme Cold

Automobile
Construction
Demolition
Aircraft
Boat
Snowmobile
Motorcycle

Lawn/Yard Care
Home Improvement
Auto Maintenance

Structural Fires
Civil Unrest
Rioting
Looting
Terrorism

Why Prepare?

- Being **prepared** can reduce fear, anxiety, and losses that accompany disasters.
- Because you are **prepared**, both in terms of gear and mentally, you can give basic assistance instead of rubbernecking and Instagramming the wreck. You can be a **good, prepared** citizen.

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- Preparing can reduce the overall impact of the event.

The need to prepare is REAL?

- Disasters disrupt hundreds of thousands of lives every year. Each disaster has lasting effects, both to people and property.
- If a disaster occurs in your community, local government and disaster-relief organizations will try to help you, but you need to be ready as well. Local responders may not be able to reach you immediately, or they may need to focus their efforts elsewhere.
- You should know how to respond to severe weather or any disaster that could occur in your area—hurricanes, earthquakes, extreme cold, flooding, or terrorism.
- You should also be ready to be self-sufficient for at least three days. This may mean providing for your own shelter, first aid, food, water, and sanitation.



What is Alaska's largest event?

**March 27, 1964 5:36 p.m.
The Good Friday Earthquake**

March 27, 1964 5:36 p.m. - Good Friday

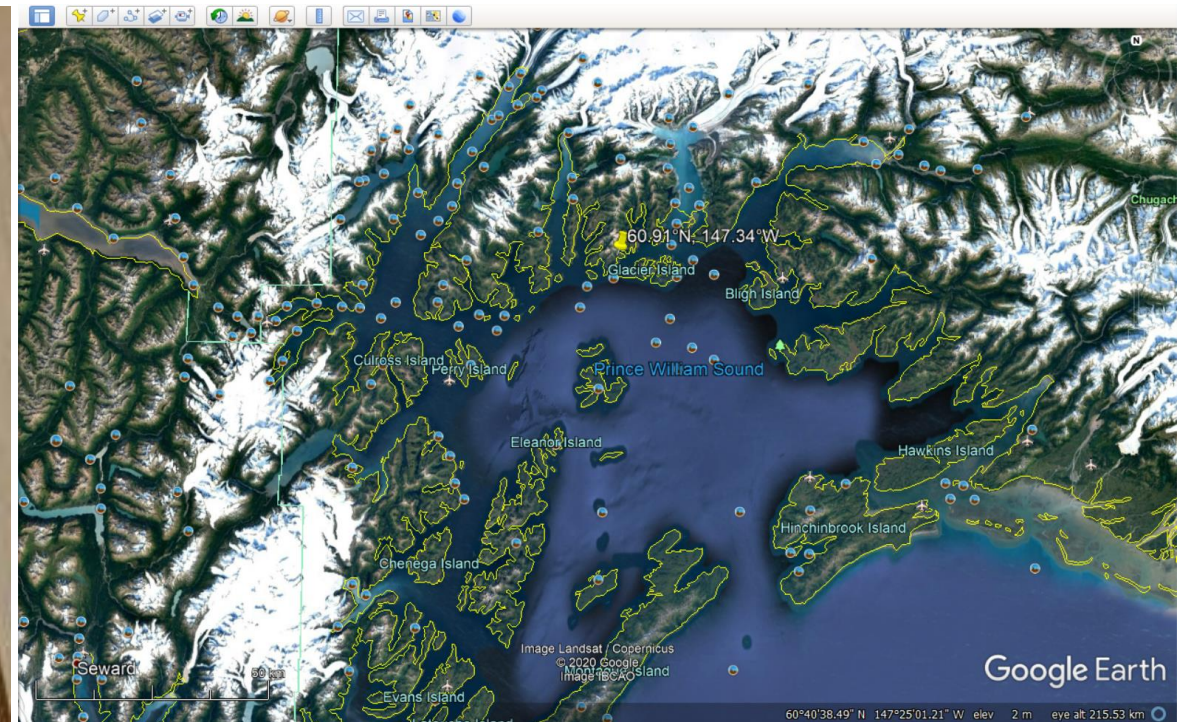
- The most powerful earthquake in all of North America and second strongest in the world. Magnitude 9.2
- The 1964 Alaska earthquake, the strongest earthquake ever recorded in North America, struck Alaska's Prince William Sound, about 74 miles southeast of Anchorage. Most of Alaska's mainland felt the magnitude 9.2 earthquake, which wobbled Seattle's Space Needle some 1,200 miles away. The earthquake was so powerful it registered in all U.S. states except Connecticut, Rhode Island and Delaware.
- Eyewitnesses described hearing a crunching, grinding noise as the earth shook. They recalled seeing asphalt roads rise and fall like waves and the ground opening and closing before them, water shooting up through the ensuing cracks.

March 27, 1964 5:36 p.m. - Good Friday

- The violent shaking led to water, sewer and gas line breaks and widespread telephone and electrical failures. It effortlessly toppled telephone poles, buckled railroad tracks, split roads in half, uprooted buildings, cars and docks and tore homes apart. Seismic waves caused the earth to “ring like a bell.”
- As bad as the tremors were, the worst was yet to come. The earthquake triggered a swell of devastating tsunamis, landslides and submarine slumps which caused massive property damage and loss of life.
- The death toll reached 131 people: 15 died during the initial tremors and the rest in the subsequent tsunamis and landslides.

March 27, 1964 5:36 p.m. - Good Friday

- Ham's critical role in the response





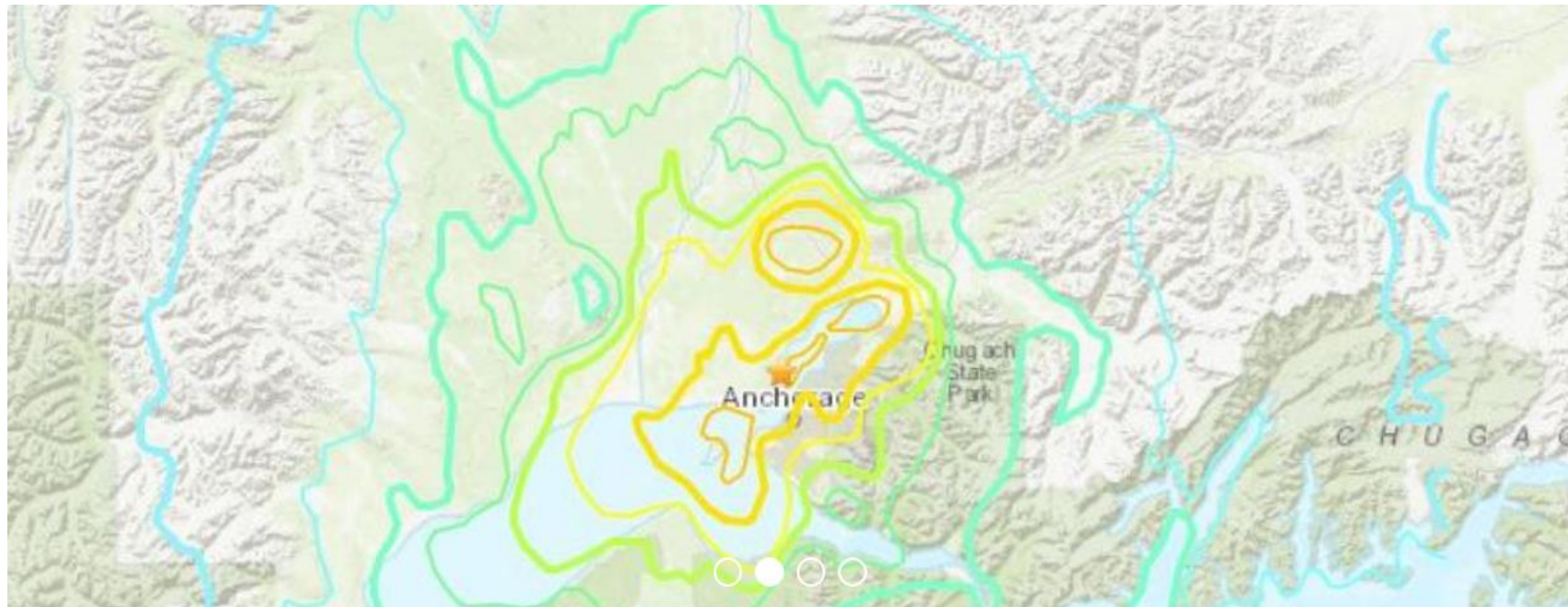
Looking closer to home

November 20, 2018 8:29 a.m.

We are now a little more than two years after this major memorable event

November 20, 2018 8:29 a.m.

- Epicenter was off Point Mackenzie at 0830 Local, 1730 UTC 61.4 N LAT, 150.1 W LONG. 10 miles north of Anchorage and about 14 miles south of Palmer, and only 27 miles deep. Lasted about 2 mins. We have had over 2800 aftershocks.



November 20, 2018 8:29 a.m.

- Magnitude 7.1, tied for the #15 slot of largest earthquakes in Alaska.
- Felt up to 400 miles away
- From my perspective one of the largest I have lived through, the first was nearly 50 years ago, the 1971 Sylmar M6.6 quake. I don't know about you, but having lived in Alaska for so long, this one just did not seem that large, so I just slept through it.



November 20, 2018 8:29 a.m.

- Felt up to 400 miles away
- Examples
 - Tabitha
 - Don
 - Chris
 - others?



How to prepare for the next event

- Share with us your location
 - Information to be kept private
 - To be mapped using Google Earth Pro
 - Will be used in future events to organize and prioritize our response as a group to ensure our assets and members are safe and healthy
- Maintain **regular** contact with others in our group
- Develop an emergency preparedness plan for you and your family
 - www.ready.gov
 - www.nsc.org
 - emergency.cdc.gov
 - www.osha.gov
 - www.nfpa.org
 - www.theprepared.com
 - www.redcross.com
 - www.usa.gov