TABLE 1: Tsunami sources modeled for the San Luis Obispo County coastline.

State of California – County of San Luis Obispo
CAYUCOS QUADRANGLE
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The methods of preparation described below are used to develop tsunami inundation maps for potential tsunami sources.

1. Source: The source is a discrete location with a specified magnitude and depth to the source. Sources can be either historical or hypothetical.

2. Model: The model is a mathematical representation of how waves travel from the source to the shoreline. The model used is MOST (Method of Splitting Tsunamis).

3. Distance: The distance is the distance from the source to the coastline.

4. Time: The time is the time it takes for the wave to travel from the source to the coastline.

5. Magnitude: The magnitude is the size of the event, typically measured on the Richter scale.

6. Source Strength: The source strength is a measure of the wave energy produced by the event.

7. Inundation Extent: The inundation extent is the area that is expected to be inundated by the wave.

8. Source Use: The source use indicates whether the source is a historical or hypothetical event.

9. Sources: The sources are listed in order of their potential impact on the coastline.

10. Diagram: The diagram illustrates the tsunami inundation for each source.

11. Table: The table provides a summary of the tsunami sources and their characteristics.

12. Map: The map shows the tsunami inundation area for each source.

13. Purposes: The purposes of the tsunami inundation maps are to assist cities and counties in identifying tsunami hazard areas and preparing evacuation plans.

14. Disclaimer: The tsunami inundation maps are not intended for legal or engineering purposes.

15. Sources: The sources of the tsunami inundation maps are the California Emergency Management Agency, the University of Southern California – Tsunami Research Center, and the California Geological Survey.

16. Using the Tsunami Inundation Maps: The tsunami inundation maps are intended for local jurisdictional use only. The maps are not intended for use in legal or engineering contexts.

17. Limitations: The tsunami inundation maps are subject to limitations in the accuracy and completeness of available terrain and tsunami source information, and the accuracy of the inundation line shown on these maps is subject to limitations in the accuracy of the base topographic data.

18. Legal Considerations: The use of this map is subject to limitations with respect to any claim by any user or any third party on account of or arising from the use of this map. Neither the State of California nor USC shall be liable under any circumstances for any direct, indirect, special, incidental or consequential damages that may result from the use of this map or any part thereof.

19. Further Information: For further information, please refer to the following websites:

- University of Southern California – Tsunami Research Center: http://www.usc.edu/Research/Tsunami
- California Geological Survey (CGS): http://www.geom.ca.gov
- California (USC): http://www.usc.edu
- CalEMA: http://www.calema.ca.gov

20. Purposes of the Tsunami Inundation Maps: The purposes of the tsunami inundation maps are to assist cities and counties in identifying tsunami hazard areas and preparing evacuation plans.