profiles show that there may be a steep splay fault running nearly a magnitude 8-9 CSZ earthquake occurring over the next 30 years is time interval of 490 years. In 2008 the United States Geological Survey deposits carried onshore and left by the 1700 event have been found 1.2 happened approximately 300 years ago on January 26, 1700. Sand 19 of these full-rupture CSZ events were likely magnitude 8.9 to 9.2 occurred off the Oregon coast over the past 10,000 years (Figure 3). All CSZ Frequency occurred elsewhere on the planet where subduction zones exist: for tsunami (Figure 2). Similar rupture processes and tsunamis have builds over time. At intervals, this accumulated energy is violently at a rate of about 1.5 inches per year , but the movement is not smooth generation of tsunami inundation maps to help residents and visitors.