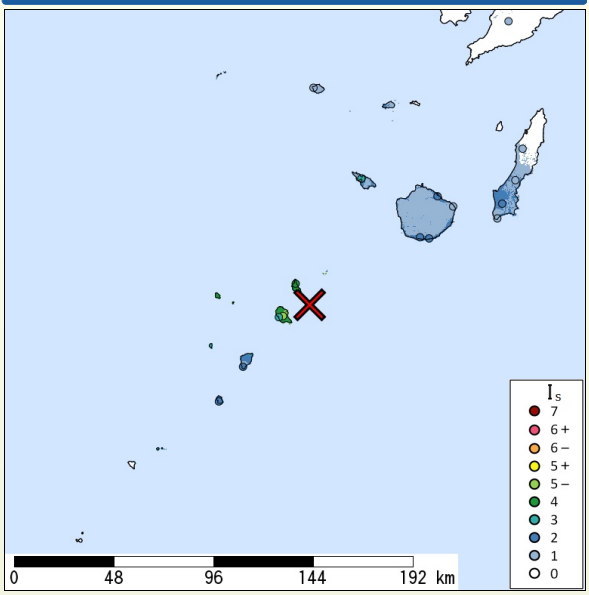
2023-05-13 16:10 (UTC+9), NEAR TOKARA ISLANDS, 10km Depth, M 5.1 by JMA

I_s Distribution — Maximum Observed I_s:5-



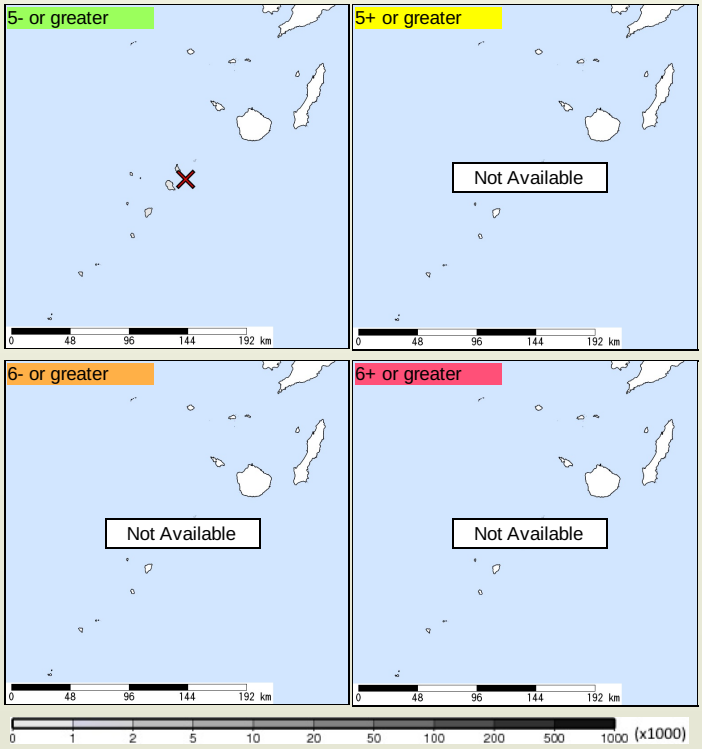
Seismic Intensity (I_s) distribution is estimated from the observed data (circles) of NIED K-NET, KiK-net, JMA, and local governments that had been collected by 2023/05/13 16:25:00.

Estimated I_s for Major Cities

Max. Obs. I_s	Histogram of Estimated I_s (1 2 3 4 5-5+6-6+7)	Municipality	Daytime Population	Distance [km]
5-		Toshima,Kagoshima,Kagoshima	600	15

The histogram shows frequency distribution of estimated I_s derived from interpolation of the observation with 250-m mesh. The daytime and nighttime correspond to 9:00-18:59 and 19:00-8:59, respectively. The distance is measured from the epicenter to the center of the municipality.

I_s Exposed-Population Estimates of Each City



	5- or greater	5+ or greater	6- or greater	6+ or greater
Whole of Japan	< 1,000			
Kagoshima Prefecture	< 1,000			
Toshima,Kagoshima,Kagoshima	< 1,000			

The summation of the exposed population for each city does not necessarily equal to that of the prefecture or whole of Japan.

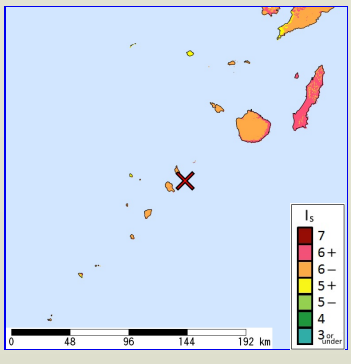
Major Historical Damaging Earthquakes in This Region

No historical damaging earthquake is known in this region.

Seismic Hazard Information of J-SHIS

J-SHIS is a Web service by NIED, to help prevent and prepare for earthquake disaster by providing a public portal for seismic hazard information across Japan.

I_s Distribution of 2% Probability of Exceedance in 50 Years



I_s Distribution of Return Period of 50,000-year