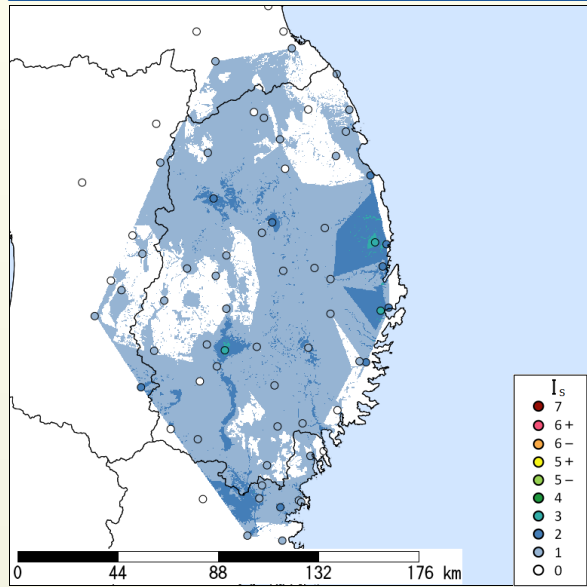


Epicenter Location is Undetermined

I_s Distribution **Maximum Observed I_s:3** **Estimated I_s for Major Cities**

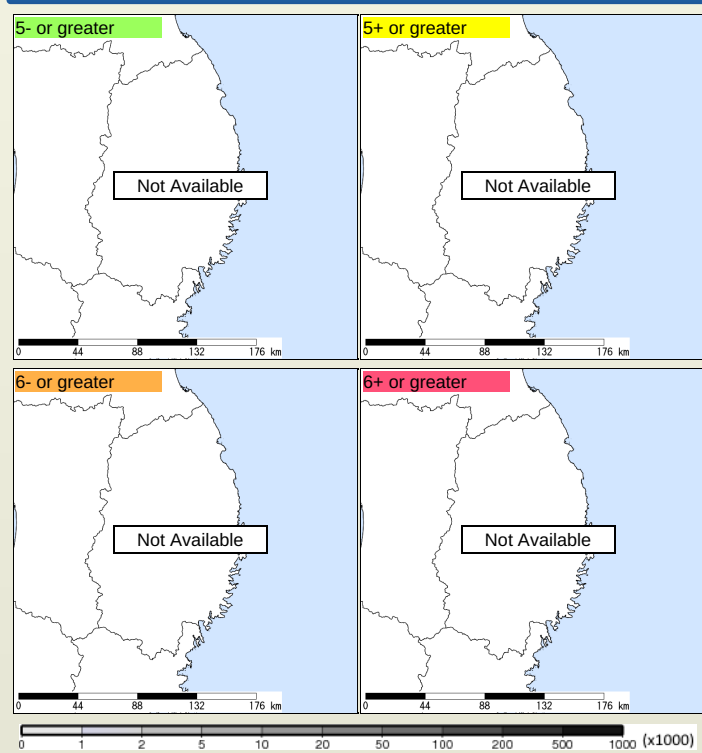


Max. Obs. I _s	Histogram of Estimated I _s	Municipality	Nighttime Population [km]	Distance
3	1 2 3 4 5-5+6-6+ 7	Kitakami,Iwate	94,000	Unknown
3		Miyako,Iwate	57,000	Unknown

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.

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 2025/10/14 07:07:31.

I_s Exposed-Population Estimates of Each City



Population exposed to I_s 5- or greater are not estimated.

Major Historical Damaging Earthquakes in This Region

Historical earthquakes are unavailable until the epicenter is determined.

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

