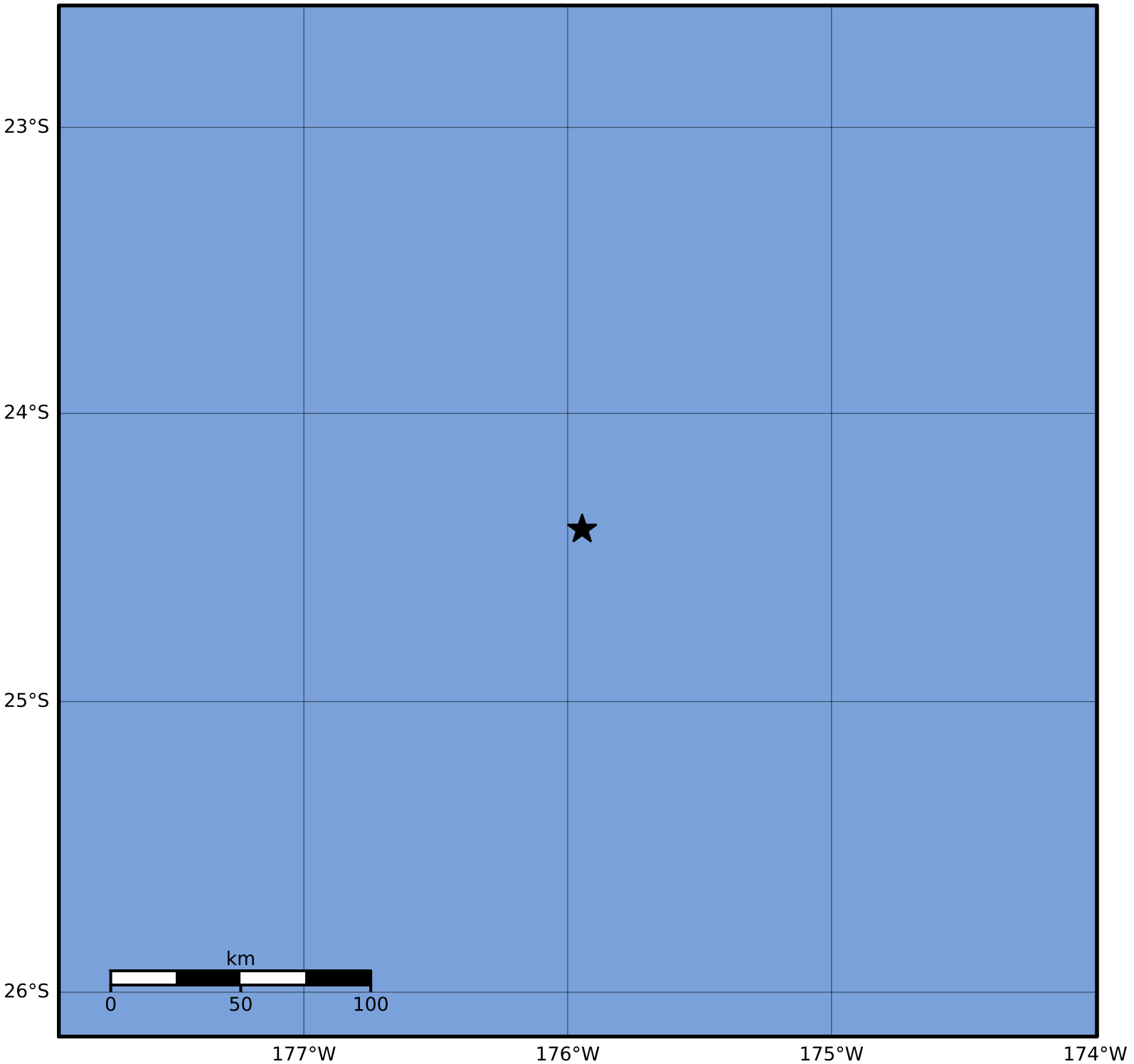
Macroseismic Intensity Map USGS
ShakeMap: south of Tonga
Aug 16, 2023 16:00:20 UTC M5.4 S24.40 W175.95 Depth: 16.0km ID:us7000knsr



SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
DAMAGE	None	None	None	Very light	Light	Moderate	Moderate/heavy	Heavy	Very heavy
PGA(%g)	<0.0464	0.297	2.76	6.2	11.5	21.5	40.1	74.7	>139
PGV(cm/s)	<0.0215	0.135	1.41	4.65	9.64	20	41.4	85.8	>178
INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

Scale based on Worden et al. (2012)
Version 4: Processed 2023-08-17T16:01:48Z

△ Seismic Instrument ○ Reported Intensity ★ Epicenter