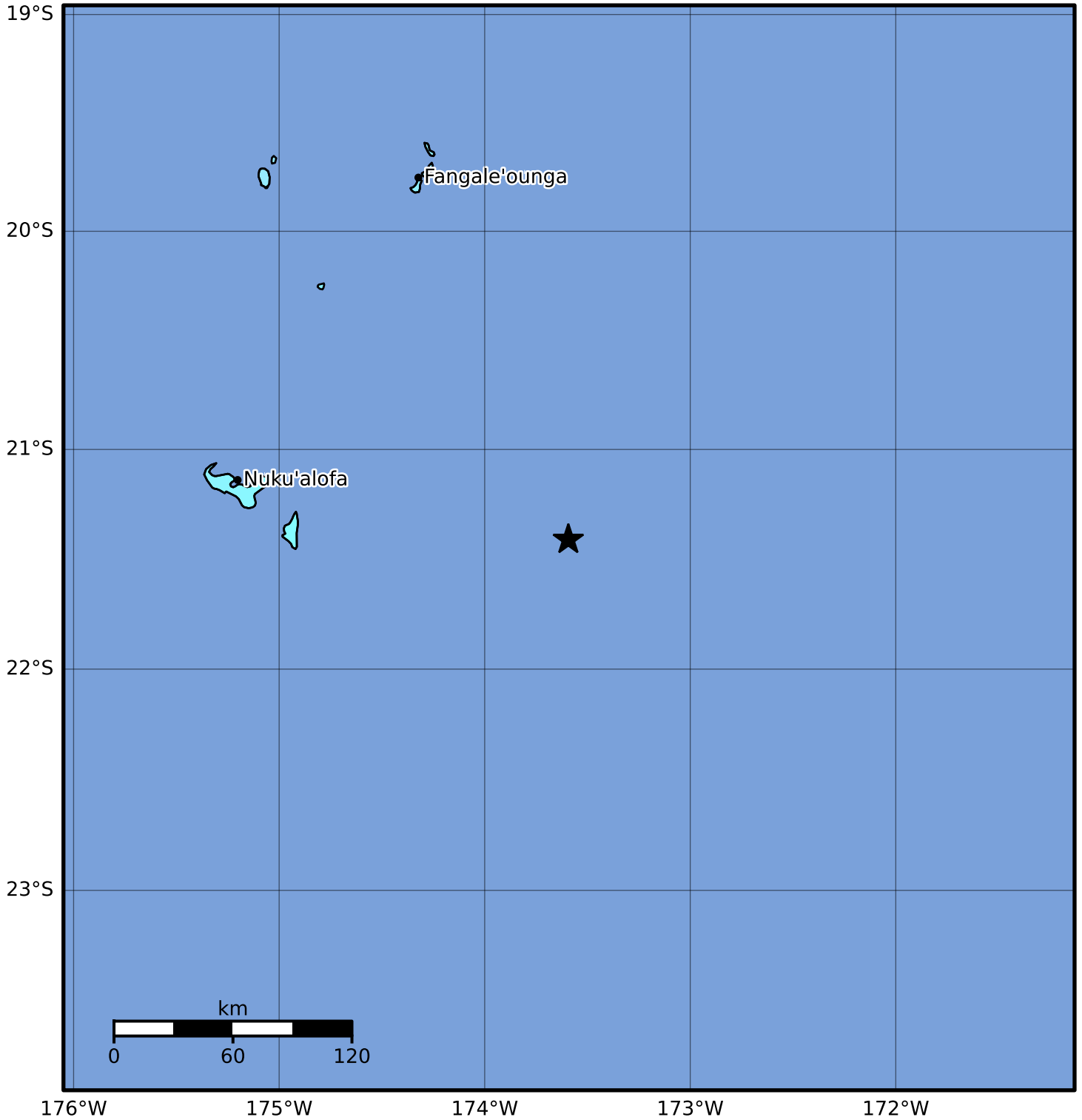


Macroseismic Intensity Map GNS Science

ShakeMap: Tonga Islands

Sep 07, 2024 22:39:10 UTC M5.9 S21.41 W173.59 Depth: 33.0km ID:2024p678233



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	0.29	1.63	5.16	12.5	22.4	40.2	72.2	>129
PGV(cm/s)	<0.0215	0.125	1.04	4.31	14.5	26.4	48.3	88.4	>162
INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

Scale based on Moratalla et al.(2021) and Worden et al.(2012) Version 4: Processed 2024-09-07T23:39:55Z

△ Seismic Instrument ○ Reported Intensity ★ Epicenter