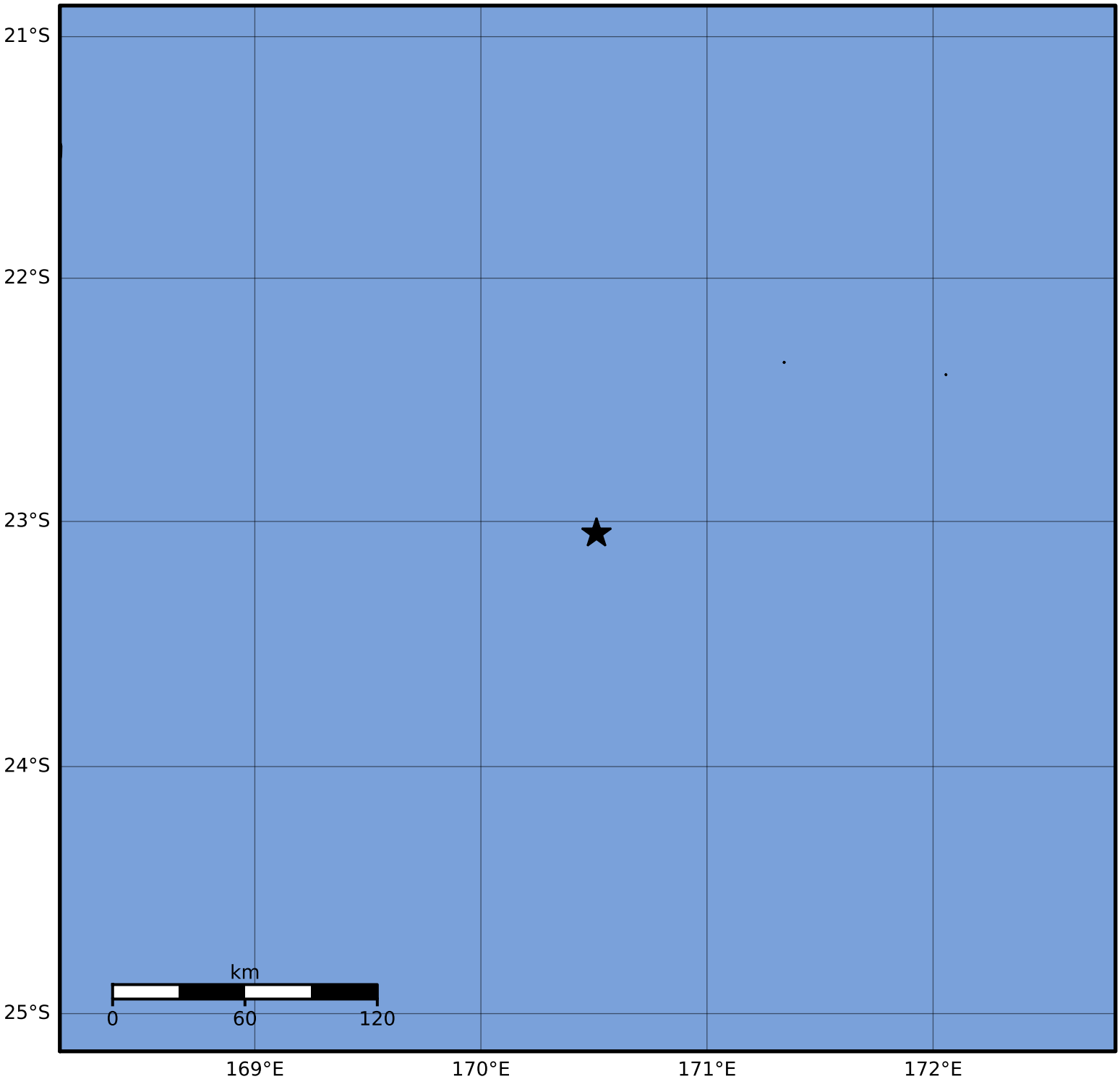
Macroseismic Intensity Map USGS
ShakeMap: southeast of the Loyalty Islands
May 20, 2023 01:50:58 UTC M7.1 S23.05 E170.51 Depth: 25.8km ID:us6000kdce




| 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 7: Processed 2023-06-14T21:09:14Z

△ Seismic Instrument ○ Reported Intensity ★ Epicenter