

AbsoluteClimo's 2024 Vanuatu Rain Forests Region Major Quake, Efate Island Vicinity 6.0+ Earthquake Clustering Forecasts Verify 🎯

Hundreds of Casualties, Embassies Considerably Damaged

AbsoluteClimo Issues 2025 Chile / Peru Region Major Earthquake Notice

HONOLULU Hawai'i USA (22 December 2024) - AbsoluteClimo's annual 2024 forecast of major earthquakes (Richter scale 7.0+) issued January 2023 for the Vanuatu rain forests region in the South Pacific, and 2024 6.0+ magnitude earthquake clustering forecast for the vicinity of Vanuatu's Efate island, have both verified as correct via the U.S. Geological Survey (USGS)'s observed December 17, 2024 **7.3** magnitude [earthquake](#) off the west coast of the Vanuatu island of Efate in the Shefa province, severely impacting Port Vila. (Figure 1).

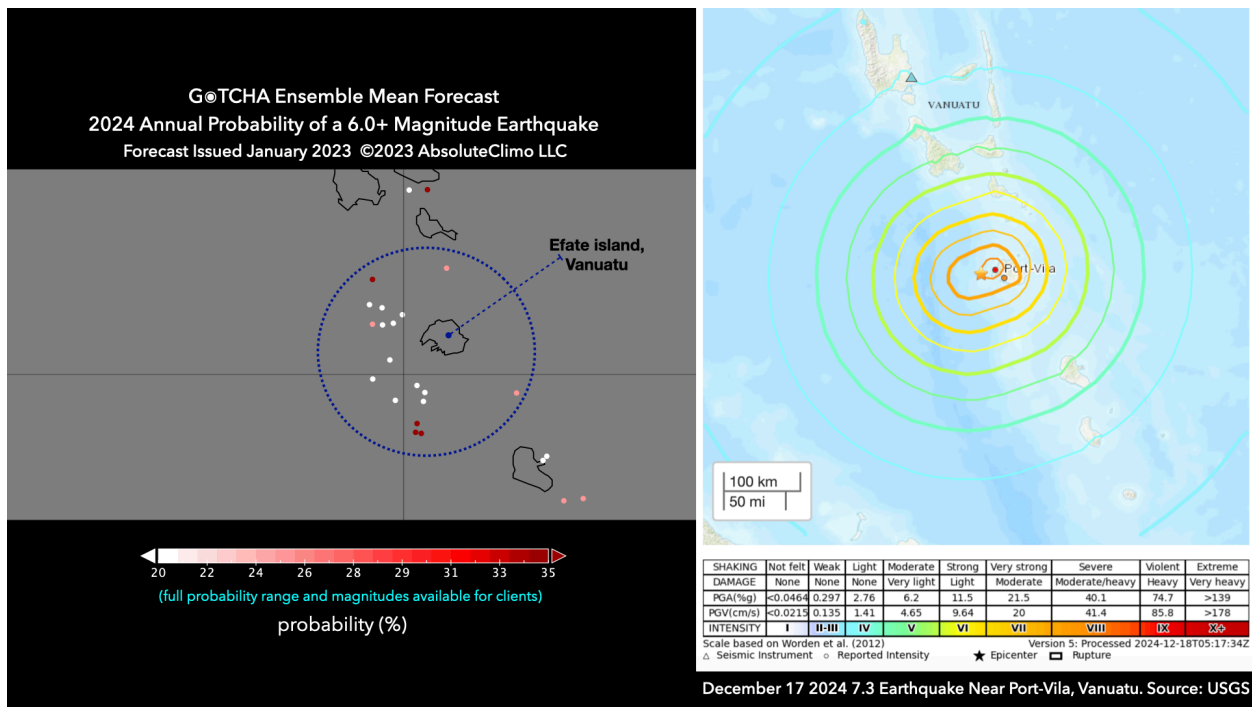


Figure 1. Above, left: AbsoluteClimo's ensemble mean annual probability forecast of 2024 6.0+ earthquakes depicting significant clustering in the vicinity of and mainly to the west of Efate island Vanuatu, issued January 2023 (full probability range and magnitudes available for clients). Above, right: USGS observed data of the December 17th 2024 7.3 earthquake in the vicinity of Efate island with epicenter 30 km west of the island generating severe impacts.

Tsunami threat messages were issued by the Pacific Tsunami Warning Center of Hawai'i. The U.S. Embassy in Port Vila [reported](#) it sustained considerable damage along with more [reports](#) of damage to the French Embassy, and the British and New Zealand High Commissions. ABC News [reported](#) hundreds of casualties and AFR [reported](#) Australian medical and search and rescue teams were deployed to Vanuatu. Yesterday, December 21st 2024 at 15:30 UTC, the USGS observed a **6.1** magnitude aftershock [earthquake](#) with center located again just off to the west of Efate island and Port Vila, Vanuatu.

"Our oceans and internal Earth geosphere thermodynamics physics models combined with our novel AI are yielding unrivaled cutting edge results for climate, business and earthquakes," said Melissa Barrington, Climatologist, Physical Meteorologist, and Co-Founder of AbsoluteClimo.

"AbsoluteClimo wishes all people of Vanuatu and their families well, especially Port Vila, and hopes for a fast recovery and restoration from last week's major earthquake and yesterday's strong aftershock," said Brendan Lane Larson, AbsoluteClimo Co-Founder and Climatologist.

"It is no fluke our models correctly forecast, at long lead times, regional major earthquakes and in-the-vicinity probability clusters this year for Vanuatu, [Japan](#), northern [California](#), and the Turkey / Syria region last year. This is a big breakthrough in earthquake forecasting which no other climate change solutions repackager, consultant or scenarios can touch," Larson added.

AbsoluteClimo's consistently skillful worldwide regional major earthquake forecasts are made possible by our dynamical climate and novel machine learning (AI) models, GOTCHA and ClimoCats. We provide regional **tail risk forecasts** of earthquakes for numerous regions worldwide including the **Vanuatu rain forests**. Forecasts of earthquake related outcomes such as casualties, economic and insured losses are also available from AbsoluteClimo for bespoke regions of the world. Asset owners and managers concerned about future earthquake risk posed to their property portfolios worldwide, including **individuals, banks, pensions, private equity, family offices** and **government embassies** can avail of skillful major earthquake probabilistic (tail) risk forecasts from AbsoluteClimo – but not from traditional statistical or stochastic seismology models nor from climate change scenarios.

➔ Chile / Peru Region 2025 Major Earthquake Notice Issued

For 2025 our modeling system has generated a **Major Earthquake Notice** for the **Chile / Peru** region as well as other regions worldwide.

About AbsoluteClimo LLC

Founded in 2016, AbsoluteClimo's (absoluteclimo.com) mission is bettering life on Earth (☺) by helping people impacted by climate variability and change. AbsoluteClimo LLC, is a Hawai'i headquartered world leading climate forecasting and risk management company created and operated by pioneering reputable climatologists, meteorologists and seasoned entrepreneurs with accomplished scientific and business industry track record including NASDAQ/NMS listing and successful M&A. We serve business verticals in energy, agriculture, water resources, tourism, human health, financial services including re/insurance, insurance-linked securities, pensions, superannuations, private equity, family offices, philanthropy and the sustainable finance markets. We occasionally provide guest lectures on climate risk and insurance at the University of Hawai'i at Mānoa Shidler College of Business, and thought leadership presentations and panels at events worldwide. Press Contact Kathryn Chen: kathryn.chen@absoluteclimo.com.