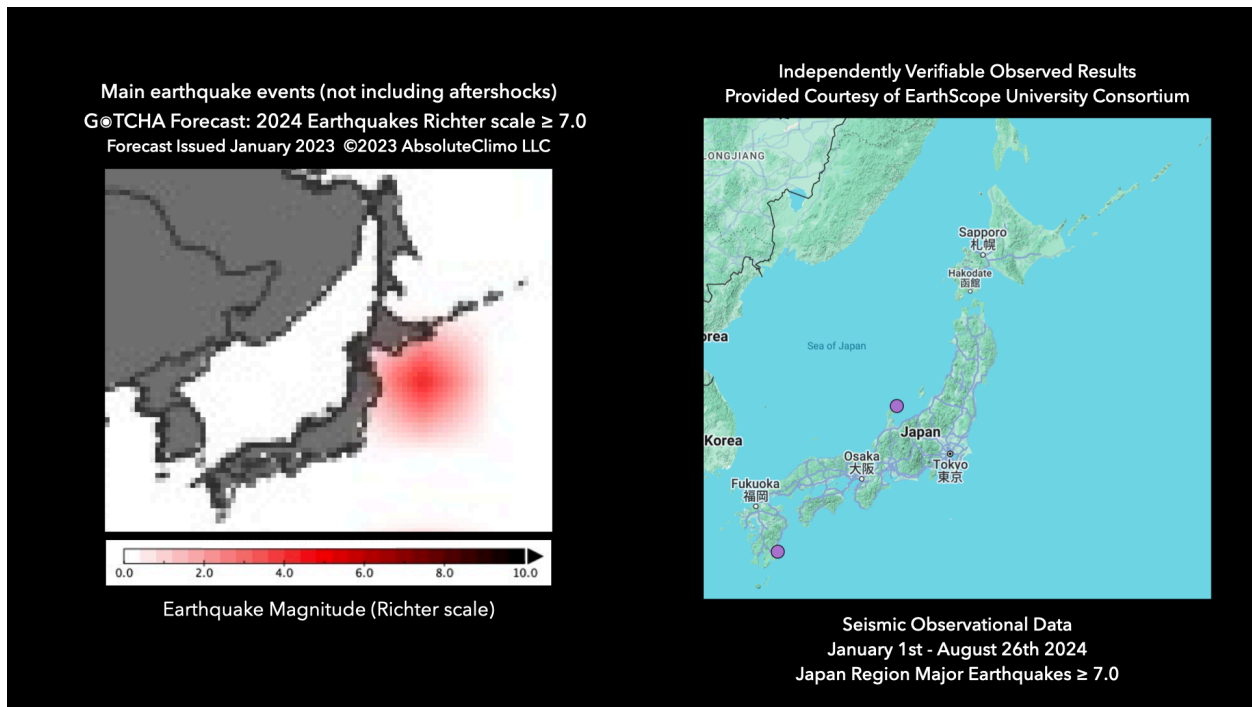


# AbsoluteClimo's 2024 Japan Region Major Earthquake Forecast Verifies as Correct, Again

## California Major Earthquake Notice Remains In Effect

**H**ONOLULU (27 August 2024) - AbsoluteClimo's 2024 annual forecast of major earthquakes (Richter scale 7.0+) issued January 2023 for the Japan region has verified for the second time with the August 8, 2024 7.1 magnitude Hyūga-nada earthquake off the coast northeast of Nichinan. Hours later Japan issued its first-ever **megaquake alert**. The Hyūga-nada earthquake follows the Japan New Year's Day 2024 7.5 magnitude earthquake which first verified (non-repudiated) our 2024 forecast (Figure 5).



**Figure 1.** Depicted above, left: AbsoluteClimo's GOTCHA's gridded ensemble mean annual forecast for 2024 accumulated total major earthquake events (main events, not including aftershocks), at Richter scale  $\geq 7.0$  for the Japan region, issued January 2023. Depicted above, right: Japan region seismic observational data ([EarthScope University Consortium](#)\*) from January 1st through August 26th 2024, Richter scale  $\geq 7.0$ , showing very large earthquakes (main events) activity near the northern coast of the Noto Peninsula on the west coast of Honshu, Japan (a 7.5 main event January 1st 2024), and the Hyūga-nada 7.1 main event August 8th 2024 off the coast of Miyazaki Prefecture (宮崎県).

## → California 2024 Major Earthquake Notice Remains In Effect

In early 2023 AbsoluteClimo's models also generated a 2024 regional **Major Earthquake Notice** for **California**, shared with select parties in early 2023. Our 2024 California Major Earthquake Notice for 7.0+ magnitude risk remains in effect through the end of this year.

Asset owners and managers concerned about future earthquake risk posed to their property portfolios worldwide, including **individuals, banks, pensions, private equity** and **family offices**, cannot avail of annual major earthquake probabilistic (tail) risk forecasts from traditional statistical or stochastic seismology models nor from climate change scenarios (e.g., IPCC, NGFS).

For the year 2023, at more than one year lead time, our models forecast **230%** above normal annual activity of 7.0+ earthquakes (main events not including aftershocks) for the Turkey / Syria region. Our forecast [verified](#) as a directionally correct with the February 6th 2023 magnitude **7.8** main earthquake which struck the Kahramanmaraş area.

AbsoluteClimo's consistently skillful worldwide regional major earthquake forecasts are made possible by our dynamical climate and novel machine learning (AI) models, G●TCHA and Clim●Cats. **Tail risk forecasts** of major earthquakes, including earthquake related **casualties, economic** and **insured losses**, are also available from AbsoluteClimo for bespoke regions of the world as customized solutions.

### About AbsoluteClimo LLC

Founded in 2016, AbsoluteClimo's ([absoluteclimo.com](https://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](mailto:kathryn.chen@absoluteclimo.com).

\* Source of observed earthquake data depicted: EarthScope University Consortium. All seismic data were downloaded through the EarthScope Consortium Wilber 3 system (<https://ds.iris.edu/wilber3/>) or EarthScope Consortium Web Services (<https://service.iris.edu/>), including the following seismic networks: (1) the AZ (ANZA; UC San Diego, 1982); (2) the TA (Transportable Array; IRIS, 2003); (3) the US (USNSN, Albuquerque, 1990); (4) the IU (GSN; Albuquerque, 1988).