

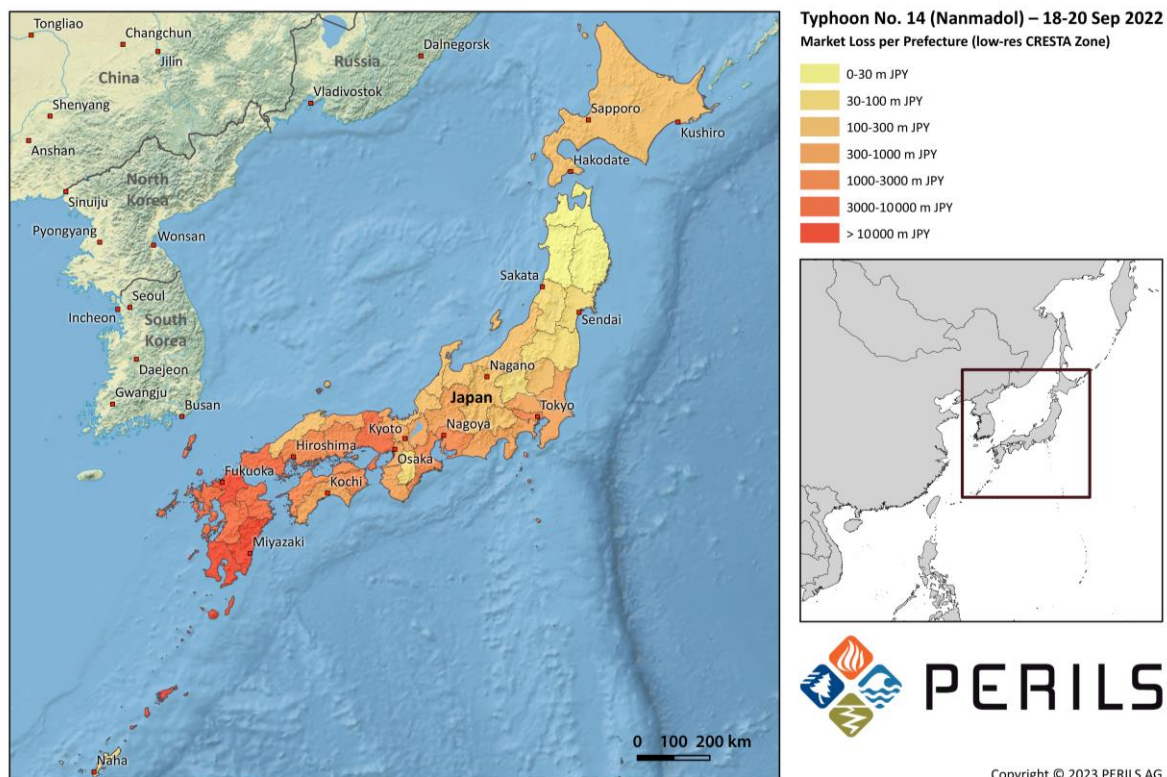
**JPY 125.9BN - PERILS RELEASES FINAL INDUSTRY LOSS FOOTPRINT FOR TYPHOON NANMADOL**

**Zurich, 20 September 2023** – PERILS, the independent Zurich-based organisation providing industry-wide catastrophe insurance data, has today disclosed its fourth and final industry loss estimate for Typhoon No. 14, also known as Nanmadol, which impacted the islands of Kyushu and Shikoku in southern Japan and the western and central regions of Japan’s main island of Honshu from 18 to 20 September 2022.

The final industry event loss figure, based on detailed loss data collected from the majority of the affected insurers, is JPY 125.9bn. The figure compares to the previous PERILS estimates of JPY 129.6bn issued six months after the event, JPY 119.7bn issued three months after the event, and JPY 113.5bn issued six weeks after the event.

The PERILS market loss numbers for Japan cover the losses from the property line of business as sustained by the Japan general insurance industry. Losses from the cooperative insurance sector (Kyoasai) are not included.

The fourth and final report provides a detailed breakdown of property losses by prefecture (low-res CRESTA zone) with the data further divided into property lines of business. It is complemented with information on damage degrees which show the damage as a percentage of sums insured, as well as wind-gust and rainfall data. Together with the PERILS industry exposure database, this information can be used to calibrate damageability functions in probabilistic Cat models for Japan. In addition, the industry loss numbers serve as triggers in industry-loss-based risk transfer products.



**Final industry loss footprint of Typhoon No. 14 (Nanmadol), 18-20 September 2022:** Typhoon Nanmadol brought strong winds and extreme rainfall to the southern islands of Kyushu and Shikoku and the western and central parts of Honshu. In its fourth and final loss report, PERILS estimates that the event has cost the Japan general insurance industry a total of JPY 125.9 billion in property losses.



## **JPY 125.9BN - PERILS RELEASES FINAL INDUSTRY LOSS FOOTPRINT FOR TYPHOON NANMADOL**

Typhoon Nanmadol was the 14th named storm in the 2022 Western North Pacific typhoon season. It brought strong winds, extreme rain, flooding and landslides to the islands of Kyushu and Shikoku, and western and central Honshu from 18 to 20 September 2022. The majority of the losses occurred on Kyushu Island with 74% of the total industry loss. The overall loss level of Nanmadol was however not exceptional and remained far below those of the major typhoons of 2018 (Jebi, Trami) and 2019 (Faxai, Hagibis). This can be attributed to the typhoon's lesser strength as well as the high level of preparedness of Kyushu Island which is frequently exposed to extreme weather events.

Takashi Goda, Senior Advisor for PERILS in Japan, said: "We are very pleased to be able to present our fourth and final loss report for Typhoon Nanmadol. It is again based on data directly collected from insurance companies representing the vast majority of the Japan general insurance industry. We are deeply grateful for their support and remain committed to providing value in return through our high-quality and systematic exposure and loss data for Japan."

Dalida Bachmann, Head of Client Relationship at PERILS, added: "In addition to PERILS data being used for R&D purposes, our industry loss figures serve as triggers for risk transfer products. We are therefore particularly happy to report that since our last communication on Typhoon Nanmadol in March, there have been several new ILW contracts using PERILS Japan as the source for the industry loss trigger. It is confirmation that our data can facilitate the increased flow of risk capital into the Japan Cat market, similar to many other markets covered by PERILS."

Lukas Wissler, Product Manager at PERILS, commented: "One value in providing both exposure and loss data lies in the fact that losses can be put in relation to sums insured and damage degrees can be calculated. The correlation of these damage degrees with gust or rainfall metrics provides new insights into the vulnerability of insured assets which ultimately enhances market understanding of Japan typhoon risk."

### **About PERILS**

PERILS is an independent Zurich-based organisation providing industry-wide natural catastrophe exposure and event loss data. The PERILS Industry Exposure & Loss Database is available to all interested parties via annual subscription. The database contains industry property sums insured and event loss information on a CRESTA zone level and per property line of business. PERILS industry loss estimates provided via the PERILS Industry Loss Index Service can be used as triggers in insurance risk transactions such as industry loss warranty contracts (ILW) or insurance-linked securities (ILS). The service currently covers the following 18 countries: Australia, Austria, Belgium, Canada, Denmark, France, Germany, Ireland, Italy, Japan, Luxembourg, the Netherlands, New Zealand, Norway, Sweden, Switzerland, Turkey, and the United Kingdom. In addition, PERILS industry exposure data are available for Indonesia, the Philippines and Thailand. The use of PERILS exposure and loss data other than in conjunction with a valid PERILS License and according to its terms, by a Licensee or an Authorized User as defined in the License, is illegal and expressly forbidden.

More information can be found on [www.perils.org](http://www.perils.org)

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