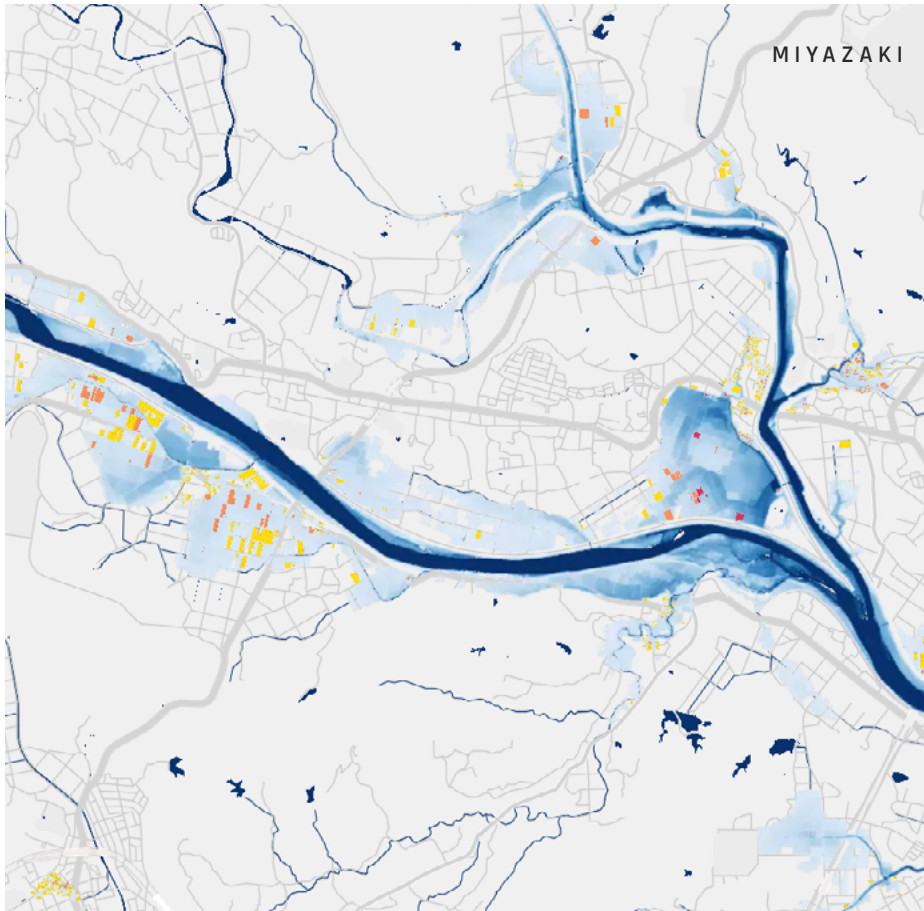


# FLOODING AFTER TYPHOON NANMADOL IN JAPAN

FLOOD BRIEFING SERIES POWERED BY MULTISOURCE DATA ANALYSIS  
LEVERAGING ICEYE SATELLITE IMAGERY

## DATA RELEASE 3



**165,8 KM<sup>2</sup>**  
total flood extent



**0,41 M**  
average inundation at building level



### OTHER AFFECTED LOCATIONS

Hiroshima, Oita, Nobeoka,  
Kumamoto, Kitatakanabe, Saito

*Impact numbers based on initial release of ICEYE's Flood Insights*

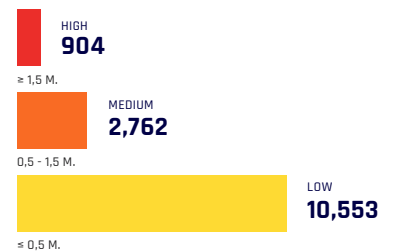
Typhoon Nanmadol brought significant rainfall to southern Japan between the 17-20<sup>th</sup> of September. The heaviest rainfall was seen on the main southwest island of Kyushu, as it moved northeastward along the west coast of Japan. Although the storm weakened as it moved northeastward along the spine of Japan, it killed at least 2 people, triggered landslides, and caused thousands to evacuate to safety in Kyushu.<sup>1</sup>

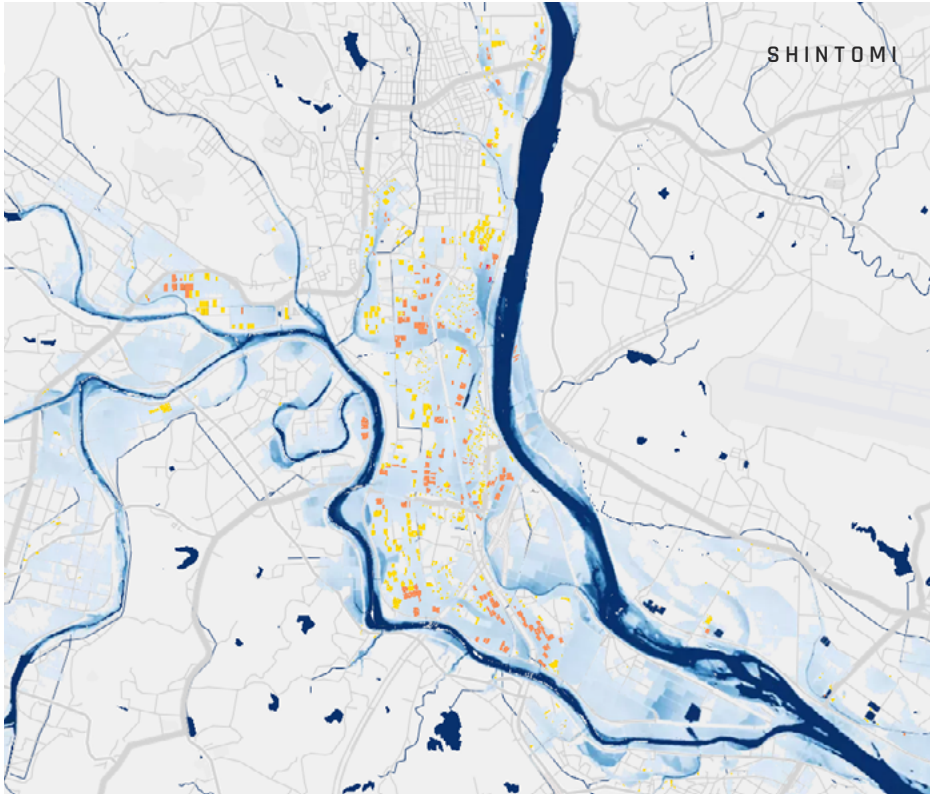
<sup>1</sup> Source: <https://www.bloomberg.com/news/articles/2022-09-19/powerful-typhoon-pelts-japan-tokyo-under-flood-advisory>



### TOTAL NUMBER OF BUILDINGS AFFECTED BY FLOOD WATER DEPTH CATEGORY

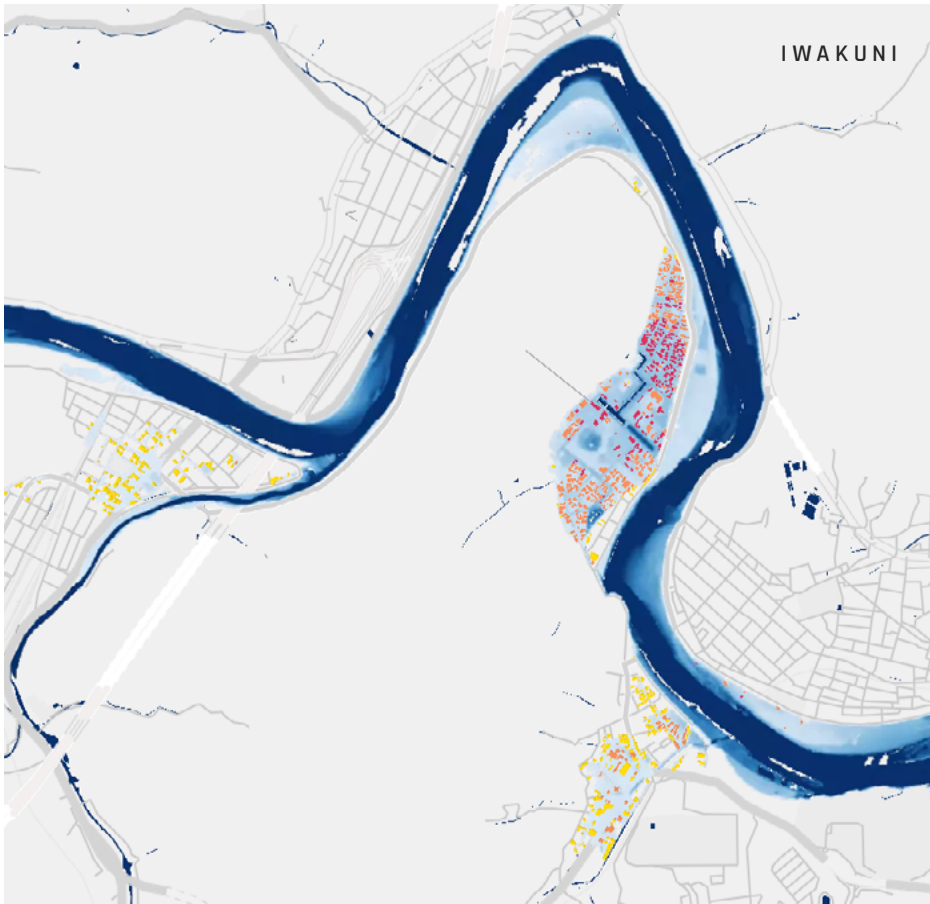
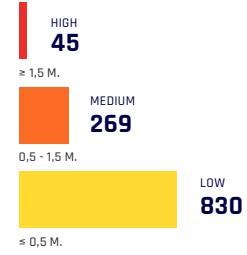
EAST KYUSHU: 14,219





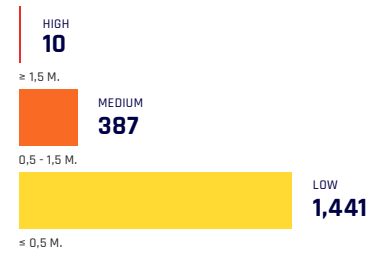
**TOTAL NUMBER OF BUILDINGS AFFECTED BY FLOOD WATER DEPTH CATEGORY**

MIYAZAKI: 1,127



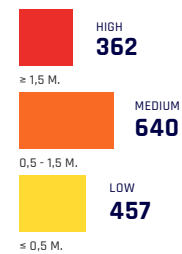
**TOTAL NUMBER OF BUILDINGS AFFECTED BY FLOOD WATER DEPTH CATEGORY**

SHINTOMI: 1,838



**TOTAL NUMBER OF BUILDINGS AFFECTED BY FLOOD WATER DEPTH CATEGORY**

IWAKUNI: 1,451



Building footprint credit for The Geospatial Information Authority of Japan (GSI)

*Disclaimer:*  
The impact numbers are subject to change as ICEYE continues to analyze the flood. The current analysis is focused on data specific to the regions most affected by the floods. Some areas which have been impacted by the flooding may not be represented in the data.

**TALK TO SALES & GAIN ACCESS TO OUR DETAILED ANALYSIS**

[www.ICEYE.com/flood](http://www.ICEYE.com/flood)