

Storm Surge Hazard Map

② Nakabata / Heisaka / Yata / Terazu District

Issued by: Rivers and Harbor Section, Construction Department, Nishio City TEL 0563-65-2151
Crisis Management Section, Crisis Management Office TEL 0563-65-2137

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List of designated emergency evacuation shelters during a storm surge (Heisaka / Terazu District)

Name	Address	Phone number (0563)
Terazu Elementary School	Komi-cho Wakamiyashiki 25-1	59-6531
Terazu Junior High School	Komi-cho Wakamiyashiki 5	59-6521
Nakabata Elementary School	Nakabata-cho Inuzuka 65	59-6158
Heisaka Elementary School	Heisaka-cho Rindo 1	59-6055
Heisaka Junior High School	Heisaka-cho Yoshiyama 1-1	59-6135
Nishio Kinro Hall	Heisaka-cho Yamazaki 9-1	59-1100

Areas expected to be flooded during a storm surge

This map shows the flood depth of areas expected to be flooded during a storm surge in Aichi Prefecture. Areas expected to be flooded during a storm surge in Aichi Prefecture is based on Article 14-3 of the Flood Prevention Act and assumes the flooded area and flood depth when flooding occurs due to the highest storm surge assumed possible.

A simulation was conducted assuming the worst-case scenario in which a typhoon with an atmospheric pressure similar in scale to the Muroto Typhoon, the largest typhoon to ever make landfall in Japan, is set at multiple routes that have a significant impact on the coast of Mikawa Bay and Ise Bay, causing flood defenses such as embankments and floodgates to burst when their design conditions are reached. The maximum flooded area and flood depth are extracted from the results of this simulation.

The areas expected to be flooded are only assumptions. Flooding may occur in areas outside the areas expected to be flooded (locations not colored on the map) and the flood depth may be deeper depending on the effect and such of local topography.

[Typhoon size] Central pressure 910 hPa and moving speed 73 km/h during landfall of Muroto Typhoon class
[Design conditions] Floodgates at the new and full moon average full tide level (this is the average tide level of the highest full tide of each month that appears within 5 days of the 1st day of the month (new moon) and 15th day of the month (full moon)) are closed according to operating regulations, and burst together with embankments when the design conditions are reached.

Legend (Facilities)

- Designated emergency evacuation shelter (designated evacuation shelter)
- Can be used during a storm surge
- Restrictions apply during a storm surge (May be flooded depending on the case)
- School
- City Hall / Branch Office
- Police Station / Police Box / Sub-Station
- Fire Station
- Emergency Hospital
- Kindergarten / Nursery School
- Other Facilities
- Underpass / Underground Passage
- Elementary School District Boundary
- City Boundary
- Railway
- Emergency Transport Route

Landslide (Special) Danger Zones

Steep Land Collapse

- Landslide Special Danger Zones
- Landslide Danger Zones

Mudslides

- Landslide Special Danger Zones
- Landslide Danger Zones

Landslide

- Landslide Danger Zones

In the future, changes in topography and other factors may result in new designations, cancellations, or changes in the scope of the Landslide Danger Zones, etc.

Storm surge evacuation

- Nishio City assumes that flooding will occur over an extensive range of the coastal area in the event of the assumed highest storm surge.
- When it is likely that a typhoon or similar event that may cause damage approaches, evacuate in advance to an area outside the areas expected to be flooded or to the upper floors of a sturdy building above the flood depth.
- Evacuate before the wind and rain become strong and it is difficult to evacuate safely.

Storm surge flood depth legend

5.0~10.0m	Flooding is above the 2nd floor roof
3.0~5.0m	Flooding is up to the 2nd floor eaves
0.5~3.0m	Flooding is just below the 2nd floor
~0.5m	Water is knee deep on an adult
~0.5m	3.0m~5.0m
0.5m~3.0m	5.0m~10.0m

