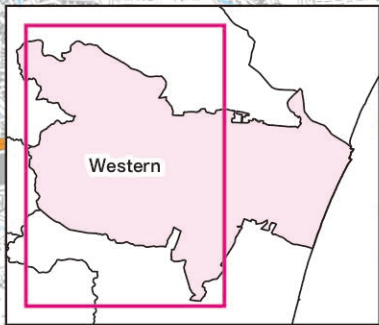


(Western Natori City)

Sendai City

Taihaku Ward



■ Landslide disasters (as of March 2022)

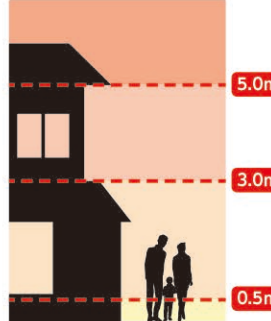
- Debris flow/ Special warning area
An area where destructive damage is expected due to the direct impact of a debris flow.
- Debris flow/ Warning area
An area where damage is expected due to sediment deposition.
- Steep slope failure/ Special warning area
An area subject to strict regulations and protective measures because a slope failure could pose a serious risk to residents' lives and cause severe damage to buildings.
- Steep slope failure/ Warning area
An area where slopes are at risk of failure due to heavy rain, earthquakes, or other factors.
- Landslide/ Warning area

If landslide disaster alert information is issued for the area where you live, it is essential that you evacuate immediately.

■ Icons

- Evacuation shelter
- Evacuation site
- Welfare evacuation shelter
- Tsunami
- Flooding and inland flooding
- Landslide disaster
- Emergency evacuation site for vehicles during storm and flood disasters
- Underpass
- Emergency evacuation stairs
- Special public phone for disasters
- Water level observation station
- Municipal radio system for disaster preparedness
- Motor siren

Expected flooding



■ Inland flooding depth

- 3.0 m to less than 5.0 m
- 1.0 m to less than 3.0 m
- 0.5 m to less than 1.0 m
- Less than 0.5 m

■ Legend

- Sewerage planning area
- Administrative boundary

[What Is Inland Flooding?]

This refers to flooding of urban areas and residential land during heavy rains when the rainfall exceeds the drainage capacity of sewers and other systems, or when river water levels rise and rainwater can no longer flow into rivers. It may occur when heavy rains fall over a short period of time.

1. Explanation

- This map shows the areas and depths of projected flooding if 120 mm of rain falls within one hour. This is equivalent to approximately 1.9 times the peak hourly rainfall during the 2019 East Japan Typhoon (Typhoon No. 19) in October 2019—one of the heaviest rainfall events in recent years. Areas not colored on this map are predicted not to flood. However, depending on how hard the rain falls, flooding may occur even in these uncolored areas, and inundation depths may increase, so please exercise caution.
- This map shows a simulation of the projected flooding conditions from inland flooding caused by maximum expected scale rainfall, and factors in the development status of sewerage systems and other drainage facilities in Natori City when the storm water flooding inundation projection area was designated.
- For areas outside the sewerage planning area, the simulation determines the projected flooding area and depth based on factors such as differences in ground elevation. The projected water depths and inundation durations may differ from detailed simulation results that consider inflow into and overflow from sewers and other drainage facilities over time.
- This simulation does not factor in rainfall exceeding what is assumed for the simulation, tsunamis, storm surges, flooding caused by river levee breaches/overlapping, or other such events. Therefore, flooding may occur even in areas not designated as projected inundation areas, and the projected water depths and inundation durations may differ from actual conditions.
- During water-related disasters, the timing for beginning evacuation and flood prevention activities differs depending on your living situation and other circumstances, so please act appropriately based on your own judgment.

2. Basic information, etc.

- Prepared by: Natori City
- Designation date: March 31, 2026
- Legal basis for designation: Flood Control Act (Act No. 193 of 1949), Article 14-2, paragraph 2
- Rainfall assumed for designation: Maximum expected scale rainfall (total rainfall of 441 mm across all of Natori City, with rainfall of 120 mm during the peak one-hour period)

Iwanuma City

1 : 22,000

0 500 1000m

[測量法に基づく国土地理院長承認(使用) R 8JHs 4]