

# Hidakacho Flood Hazard Map 2

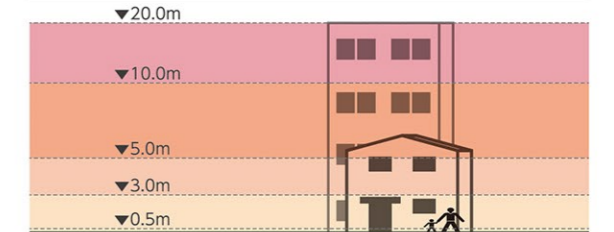
## Entire Monbetsu District

### How to read a flood hazard map

#### Check the flood hazard of your home.

A flood hazard map uses different colors to show the predicted levels of water when rivers burst their banks due to heavy rain. Check how high floodwater would reach in your home, workplace and their surrounding areas referring to the table and the illustration below.

Inundation depth *	Inundation levels in a building
10m and above - less than 20m	Approx. 5th floor level
5.0m and above - less than 10m	Approx. 3rd floor level
3.0m and above - less than 5.0m	Up to the eaves of a two story house
0.5m and above - less than 3.0m	Up to the eaves of a one story house floor
less than 0.5m	Below 1st floor level (up to ankles)



\* Inundation is a situation where city areas, buildings and farmlands are covered with water that has overflowed from rivers bursting their banks or from ditches and drainpipes, and its depth (height from the ground of an inundated area to the water surface) is called inundation depth. When it is over 50 cm, it will be difficult to evacuate, so evacuate well ahead of time.

### Hazard information

Areas that have been previously inundated and sediment disaster-prone zones are shown.

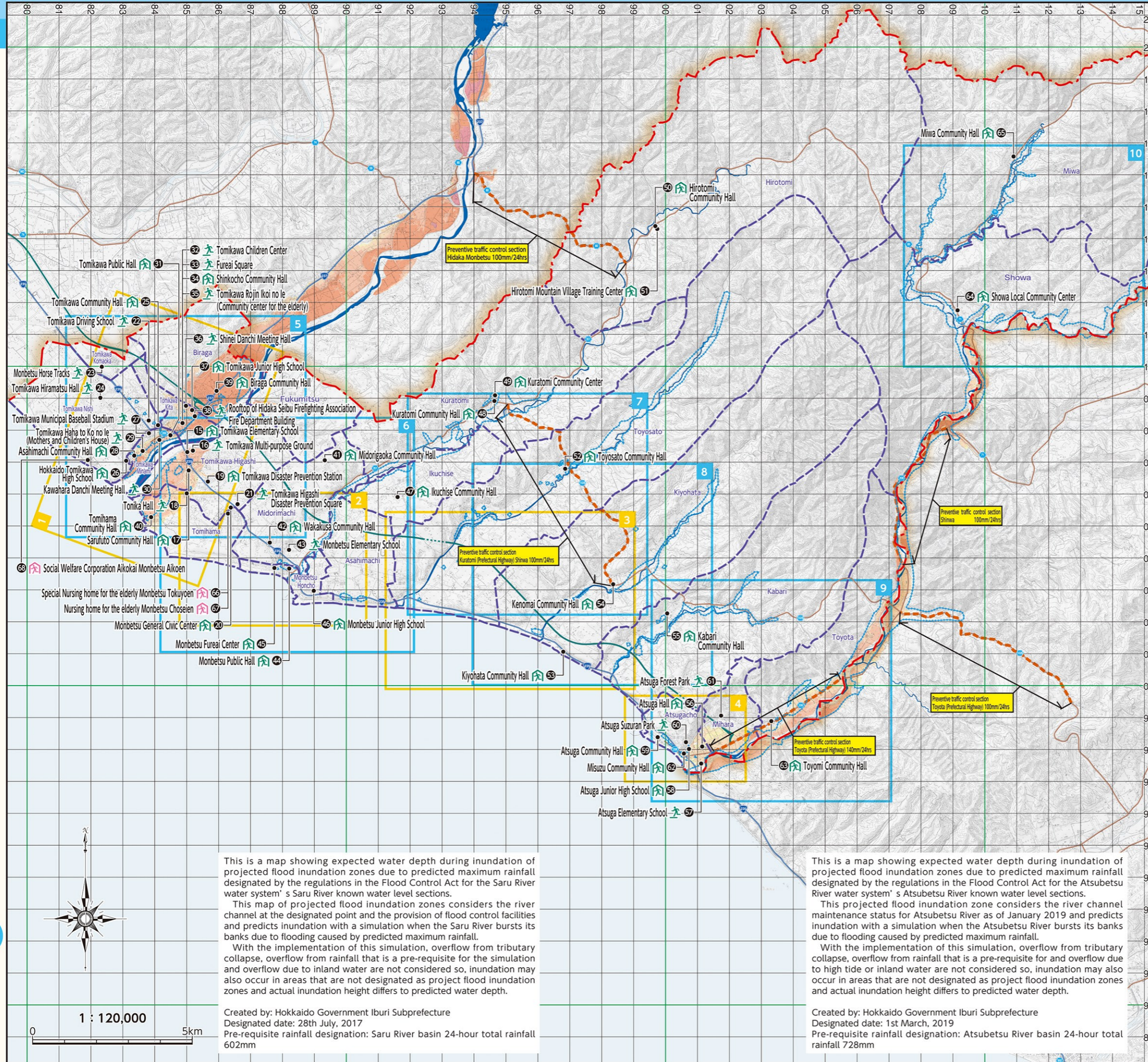
Past inundations (2003 Sai)

Areas of vigilance for sediment disasters / areas of special vigilance for sediment disasters

- Sediment Disaster-Prone Zone (collapse of steep slopes)
- Sediment Disaster-Prone Zone (sediment disasters)
- Highly Sediment Disaster-Prone Zone (collapse of steep slopes)
- Highly Sediment Disaster-Prone Zone (sediment disasters)
- Sediment Disaster-Prone Zone (landslides)

#### Key

Designated emergency evacuation areas	Rain-gauge station
Designated evacuation shelters	River
Welfare evacuation shelters	High-Standard Highway
Municipal Disaster Management Radio Communication Network	National route
Fire station	Prefectural route
Police	Preventive traffic control
Self-Defense Forces	Railway
Hospitals & clinics	Administrative boundary
Town hall	Town boundary
Heliport	



This is a map showing expected water depth during inundation of projected flood inundation zones due to predicted maximum rainfall designated by the regulations in the Flood Control Act for the Saru River water system's Saru River known water level sections.

This map of projected flood inundation zones considers the river channel at the designated point and the provision of flood control facilities and predicts inundation with a simulation when the Saru River bursts its banks due to flooding caused by predicted maximum rainfall.

With the implementation of this simulation, overflow from tributary collapse, overflow from rainfall that is a pre-requisite for the simulation and overflow due to inland water are not considered so, inundation may also occur in areas that are not designated as project flood inundation zones and actual inundation height differs to predicted water depth.

Created by: Hokkaido Government Iburi Subprefecture  
 Designated date: 28th July, 2017  
 Pre-requisite rainfall designation: Saru River basin 24-hour total rainfall 602mm

This is a map showing expected water depth during inundation of projected flood inundation zones due to predicted maximum rainfall designated by the regulations in the Flood Control Act for the Atsubetsu River water system's Atsubetsu River known water level sections.

This projected flood inundation zone considers the river channel maintenance status for Atsubetsu River as of January 2019 and predicts inundation with a simulation when the Atsubetsu River bursts its banks due to flooding caused by predicted maximum rainfall.

With the implementation of this simulation, overflow from tributary collapse, overflow from rainfall that is a pre-requisite for and overflow due to high tide or inland water are not considered so, inundation may also occur in areas that are not designated as project flood inundation zones and actual inundation height differs to predicted water depth.

Created by: Hokkaido Government Iburi Subprefecture  
 Designated date: 1st March, 2019  
 Pre-requisite rainfall designation: Atsubetsu River basin 24-hour total rainfall 728mm

Bird's-eye view, Earthquakes / tsunamis, Storms and floods / sediment disasters, Evacuation behaviour during a disaster, Receiving disaster information, Other disasters, Everyday preparations, Emergency Survival Kits, Individual disaster prevention activities, First Aid, Evacuation shelters by district, Flood Maps, Tsunami Maps

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