



Hidakacho Flood Hazard Map 5

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

Key

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

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 Iburu Subprefecture
 Designated date: 28th July, 2017
 Pre-requisite rainfall designation: Saru River basin 24-hour total rainfall 602mm

Bird's-eye view
 Earthquakes / tsunamis
 Storms and floods / sediment disasters
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 Individual disaster prevention activities
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 Evacuation shelters by district
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