

Nagano City Flood Hazard Map

North of Nagano City1

Map Key

- Landslide disaster alert area*
- Landslide disaster special alert area*
- Presumed area of building collapse and flood (flood flow)
- Presumed area of building collapse and flood (bank erosion)
- Railways (JR/private railways)
- National/prefectural roads
- Municipal borders
- Administrative district borders
- Police stations/boxes/substations
- Fire stations/substations
- City office/branch offices (liaison offices)
- Hospitals
- Emergency first-aid stations
- Water-level gauges/water-level observation points/rainfall observation points
- Live cameras
- Warehouses for emergency supplies/flood prevention supplies
- Disaster administrative radios
- Underpasses
- Main drainage pump stations

* Estimated flood extents during once-in-a-century level extreme rainfall (Data from the Chikuma and Saigawa river basins combined)
Rainfall assumed: Total of 180mm for two consecutive days throughout the basin

Evacuation Center Key

Designated emergency evacuation centers

Designated emergency evacuation centers with shelter

The keys above represent evacuation centers, and those below show the type of disaster that the evacuation centers/shelters are for.

Types of disasters	Flooding	Landslide	Earthquake
[Green house icon]	[Blue house icon]	[Brown house icon]	[Red house icon]

List of Evacuation Centers

Designated emergency evacuation centers (*: doubles as designated evacuation shelter)	Flooding	Landslide	Earthquake	Map coordinates
Furusato E.S. ★	x	o	o	A4
Hokubu Sports & Recreation Park ★	o	o	o	A3
Yanagihara E.S. ★	x	o	o	B4
Nagano J.H.S. Attached to the Faculty of Education of Shinshu Univ. ★	x	o	o	A4
Nagano E.S. Attached to the Faculty of Education of Shinshu Univ. ★	x	o	o	A4
Ichiritsu Nagano J.H.S. & H.S. ★	x	o	o	A4
National Institute of Technology, Nagano College Sports Ground	x	o	o	A4
Showa-no-Mori Park Fitness Center ★	o	o	o	A3
Showa-no-Mori Park	o	o	o	A3
Tohoku J.H.S. ★	x	o	o	B4
Hoyasu Takadai Refuge Park	x	o	o	B3
Naganuma E.S. ★	x	o	o	B3
Toyono-Nishi E.S. ★	x	o	o	B2
Toyono Community Center ★	x	o	o	C2
Toyono J.H.S. ★	x	o	o	C2
Toyono Gymnasium ★	x	o	o	C2
Toyono Tobu Chiku Assembly Hall ★	x	o	o	D2
Toyono-Higashi E.S. ★	o	o	o	D1

Evacuation action according to the extent of flooding

Below are the estimated flood depths during flooding. Promptly evacuate according to your circumstance such as building conditions. This map shows the deeper estimate for areas where flood extents of different rivers overlap.

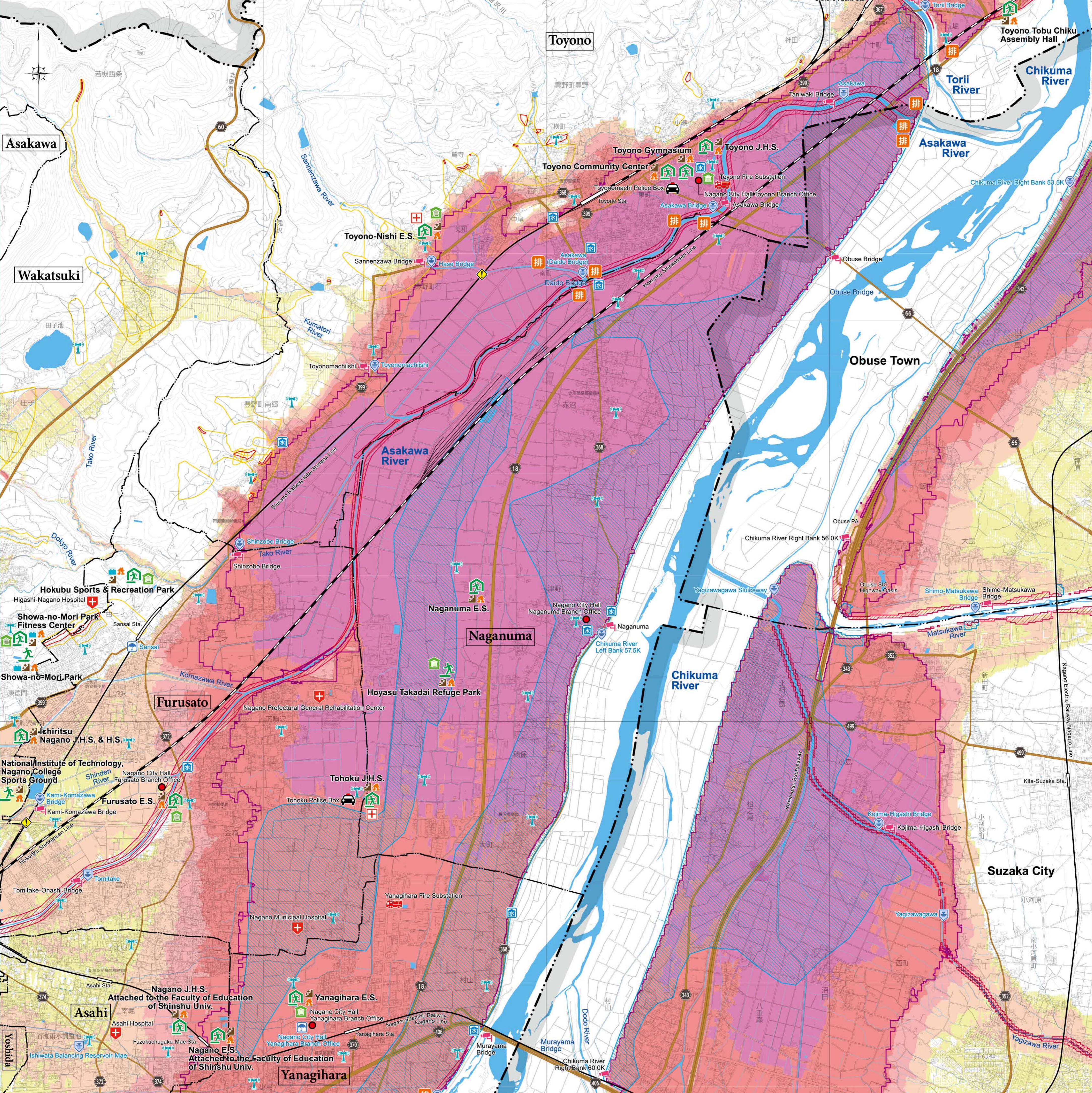
Approximate flood depth (Estimated maximum rainfall L2)	Flood flow	Bank erosion
20.0m or more	[Illustration of house being swept away]	[Illustration of house being undermined]
10.0 to less than 20.0m	[Illustration of water rising around house]	[Illustration of soil eroding around house]
5.0 to less than 10.0m	[Illustration of water reaching roof level]	[Illustration of soil eroding around house]
3.0m to less than 5.0m	[Illustration of water reaching window level]	[Illustration of soil eroding around house]
0.5m to less than 3.0m	[Illustration of water reaching knee level]	[Illustration of soil eroding around house]
Less than 0.5m	[Illustration of water reaching ankle level]	[Illustration of soil eroding around house]

Early evacuation is necessary within flood flow areas as wooden buildings may collapse.

Early evacuation is necessary within bank erosion areas as even solid buildings may collapse.

Iizuna Town

Scale: 1 : 12,000



Nakano City