

# Flood (river water) hazard map Urban area

A (river water) flood hazard map is a map showing flooding conditions in the event that the river water level rises and overflows or breaches the levees. This map shows the areas that are expected to be inundated by maximum rainfall in the areas feeding the Sorachi, Furano, Beberui, Nukkakushi Furano, Shibukeushi, Kitaichigo and Nisen rivers. The scale of heavy rainfall is as follows:

- Sorachi River: Total rainfall of 385 mm in 72 hours (heavy rainfall that may occur approximately once in 1,000 years)
- Furano, Beberui and Nukkakushi Furano rivers: Total rainfall of 448 mm in 24 hours (heavy rainfall that may occur approximately once in 1,000 years)
- Shibukeushi, Kitaichigo and Nisen rivers: Maximum rainfall and inundation depths (that may occur approximately once in 1,000 years) are calculated using simplified software (iRIC).

## How to read the map

Legend of disaster management-related facilities	
	Wide-area evacuation site
	Designated emergency evacuation site
	Designated evacuation shelter
	Welfare evacuation shelter
	City Hall/branch office
	Fire station/substation
	Police station/substation
	Hospital
	Heliport
	Water level observation station/crisis management water level gauge/resolution site
	Live camera*

Legend of areas that may be flooded	
	Water depth: 5.0 m - 10.0 m
	Water depth: 3.0 m - 5.0 m
	Water depth: 0.5 m - 3.0 m
	Water depth: 0.0 m - 0.5 m
	Underpass
Area where early evacuation is required	
	Area at risk of house collapse due to flooding currents
	Area at risk of house collapse due to riverbank erosion

\*Water levels at water level observation stations and crisis management water level gauges and live camera images can be checked on the River Flood Information website of the Ministry of Land, Infrastructure, Transport and Tourism.

## How to read the color-coded map



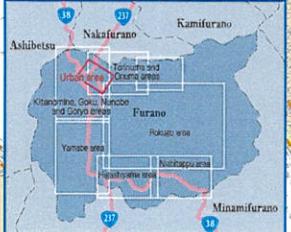
\*The colors on the map indicate the maximum inundation depth at each location.  
\*This figure shows the relationship between the standard building size and the inundation depth.

## List of evacuation shelters

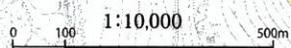
No.	Evacuation shelter name	Location	Response to flooding*
1	Furano Agricultural Cooperative Parking Lot	1 Asahimachi	●
3	Nishikimachi Park	12 Nishikimachi	●
4	Furano Athletic Field	5 Katsuragi-cho	●
5	Asahigaoka General Park Parking Lot	Shimogoryo	●
3	Furano Sports Center	5-10 Katsuragi-cho	●
4	Furano City Government Office Complex	1-1 Yayoi-cho	●
5	Furano Nursing College	5-1 Yayoi-cho	●
6	Furano Regional Human Resource Development Center	1-1 Nishiasamachi	●
7	Kitanomine Community Center	8-1 Kitanomine-cho	○
8	Furano Driving School	2 Nishioyama	●
1	Furano Nishi Junior High School	1-1 Katsuragi-cho	●
2	Furano Elementary School	10-1 Wakamatsu-cho	●
3	Furano High School	1-1 Suehiro-cho	●
4	Ogizawa Elementary School	2-20 Midorimachi	●
5	Furano Ryokuhou High School	1-1 Nishimachi	●
6	Furano Higashi Junior High School	1-30 Mizuho-cho	●
7	Higashi Elementary School	8-1 Kitasamachi	●
1	Fureai Center (community center)	12-5 Kasuga-cho	●

\*○ indicates a facility that is outside the flood hazard area and can be evacuated in the event of flooding.  
● is a facility that is located inside a flood hazard area but it is possible to evacuate to the second or a higher floor of the building in the event of flooding.

## Map scope



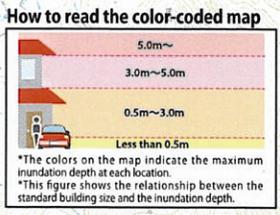
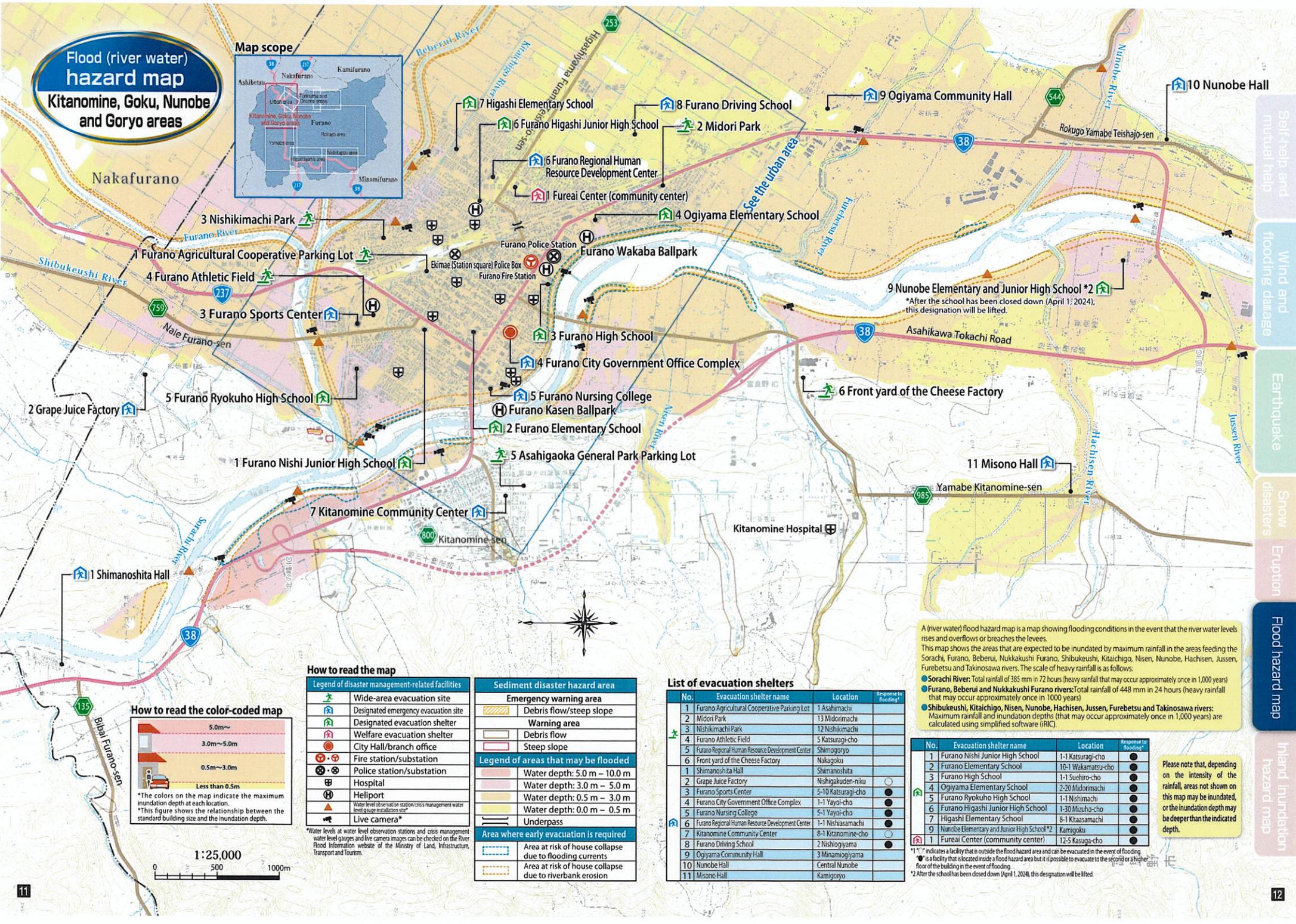
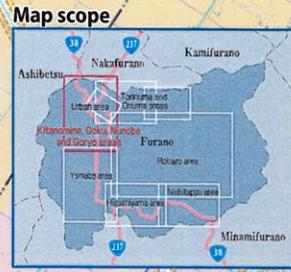
Please note that, depending on the intensity of the rainfall, areas not shown on this map may be inundated, or the inundation depth may be deeper than the indicated depth.



Wind and flooding damage  
Earthquake  
Snow disasters  
Eruption  
Flood hazard map  
Inland inundation hazard map

# Flood (river water) hazard map

## Kitanomine, Goku, Nunobe and Goryo areas



### How to read the map

Legend of disaster management-related facilities	
	Wide-area evacuation site
	Designated emergency evacuation site
	Designated evacuation shelter
	Welfare evacuation shelter
	City Hall/branch office
	Fire station/substation
	Police station/substation
	Hospital
	Heliport
	Water level observation station/cross management water level gauge installation site*
	Live camera*

\*Water levels at water level observation stations and cross management water level gauges and live camera images can be checked on the River Flood Information website of the Ministry of Land, Infrastructure, Transport and Tourism.

### Sediment disaster hazard area

Emergency warning area	
	Debris flow/steep slope
Warning area	
	Debris flow
	Steep slope

### Legend of areas that may be flooded

	Water depth: 5.0 m - 10.0 m
	Water depth: 3.0 m - 5.0 m
	Water depth: 0.5 m - 3.0 m
	Water depth: 0.0 m - 0.5 m
	Underpass

### Area where early evacuation is required

	Area at risk of house collapse due to flooding currents
	Area at risk of house collapse due to riverbank erosion

### List of evacuation shelters

No.	Evacuation shelter name	Location	Response to flooding <sup>1)</sup>
1	Furano Agricultural Cooperative Parking Lot	1-1 Ashimachi	●
2	Midori Park	13 Midorimachi	●
3	Nishikimachi Park	12 Nishikimachi	●
4	Furano Athletic Field	5 Katsuragi-cho	●
5	Furano Regional Human Resource Development Center	Shimogoryo	●
6	Front yard of the Cheese Factory	Nakagoku	●
1	Shimanoshita Hall	Shimanoshita	○
2	Grape Juice Factory	Nishigakuden-niku	○
3	Furano Sports Center	5-10 Katsuragi-cho	●
4	Furano City Government Office Complex	1-1 Yayoi-cho	●
5	Furano Nursing College	5-1 Yayoi-cho	●
6	Furano Regional Human Resource Development Center	1-1 Nishasamachi	●
7	Kitanomine Community Center	8-1 Kitanomine-cho	○
8	Furano Driving School	2 Nishiojiyama	●
9	Ogiyama Community Hall	3 Minamiogyama	●
10	Nunobe Hall	Central Nunobe	●
11	Misono Hall	Kamigoryo	●

A (river water) flood hazard map is a map showing flooding conditions in the event that the river water levels rises and overflows or breaches the levees. This map shows the areas that are expected to be inundated by maximum rainfall in the areas feeding the Sorachi, Furano, Beberui, Nukkakushi Furano, Shibukeushi, Kitaichigo, Nisen, Nunobe, Hachisen, Jussen, Furebetsu and Takinosawa rivers. The scale of heavy rainfall is as follows:  
 ● Sorachi River: Total rainfall of 385 mm in 72 hours (heavy rainfall that may occur approximately once in 1,000 years)  
 ● Furano, Beberui and Nukkakushi Furano rivers: Total rainfall of 448 mm in 24 hours (heavy rainfall that may occur approximately once in 1,000 years)  
 ● Shibukeushi, Kitaichigo, Nisen, Nunobe, Hachisen, Jussen, Furebetsu and Takinosawa rivers: Maximum rainfall and inundation depths (that may occur approximately once in 1,000 years) are calculated using simplified software (IRIC).

No.	Evacuation shelter name	Location	Response to flooding <sup>1)</sup>
1	Furano Nishi Junior High School	1-1 Katsuragi-cho	●
2	Furano Elementary School	10-1 Wakamatsu-cho	●
3	Furano High School	1-1 Suehiro-cho	●
4	Ogiyama Elementary School	2-20 Midorimachi	●
5	Furano Ryokuho High School	1-1 Nishimachi	●
6	Furano Higashi Junior High School	1-30 Mizuho-cho	●
7	Higashi Elementary School	8-1 Kitasamachi	●
9	Nunobe Elementary and Junior High School*2	Kamigoryo	●
1	Fureai Center (community center)	12-5 Kasuga-cho	●

<sup>1)</sup> ○ indicates a facility that is outside the flood hazard area and can be evacuated in the event of flooding. ● is a facility that is located inside a flood hazard area but it is possible to evacuate to the second or a higher floor of the building in the event of flooding.  
<sup>2)</sup> After the school has been closed down (April 1, 2024), this designation will be lifted.

Please note that, depending on the intensity of the rainfall, areas not shown on this map may be inundated, or the inundation depth may be deeper than the indicated depth.

Self-help and mutual help

Wind and flooding damage

Earthquake

Snow disasters

Eruption

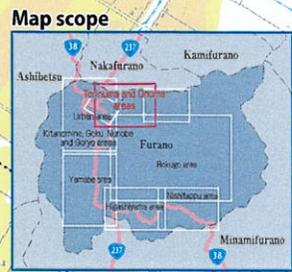
Flood hazard map

Inland inundation hazard map

# Flood (river water) hazard map Torinuma and Onuma areas

A (river water) flood hazard map is a map showing flooding conditions in the event that the river water levels rises and overflows the levees or breaches the levees. This map shows the areas that are expected to be inundated maximum rainfall in the areas feeding the Sorachi, Furano, Beberui, Nukkakushi Furano, Kitaichigo, Higashihachisen, and Furebetsu rivers. The scale of heavy rainfall is as follows:

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- Kitaichigo, Higashihachisen and Furebetsu rivers: Maximum rainfall and inundation depths (that may occur approximately once in 1,000 years) are calculated using simplified software (RIC).



## How to read the map

Legend of disaster management-related facilities	
	Wide-area evacuation site
	Designated emergency evacuation site
	Designated evacuation shelter
	Welfare evacuation shelter
	City Hall/branch office
	Fire station/substation
	Police station/substation
	Hospital
	Heliport
	Water level observation station/crisis management water level gauge installation site*
	Live camera*

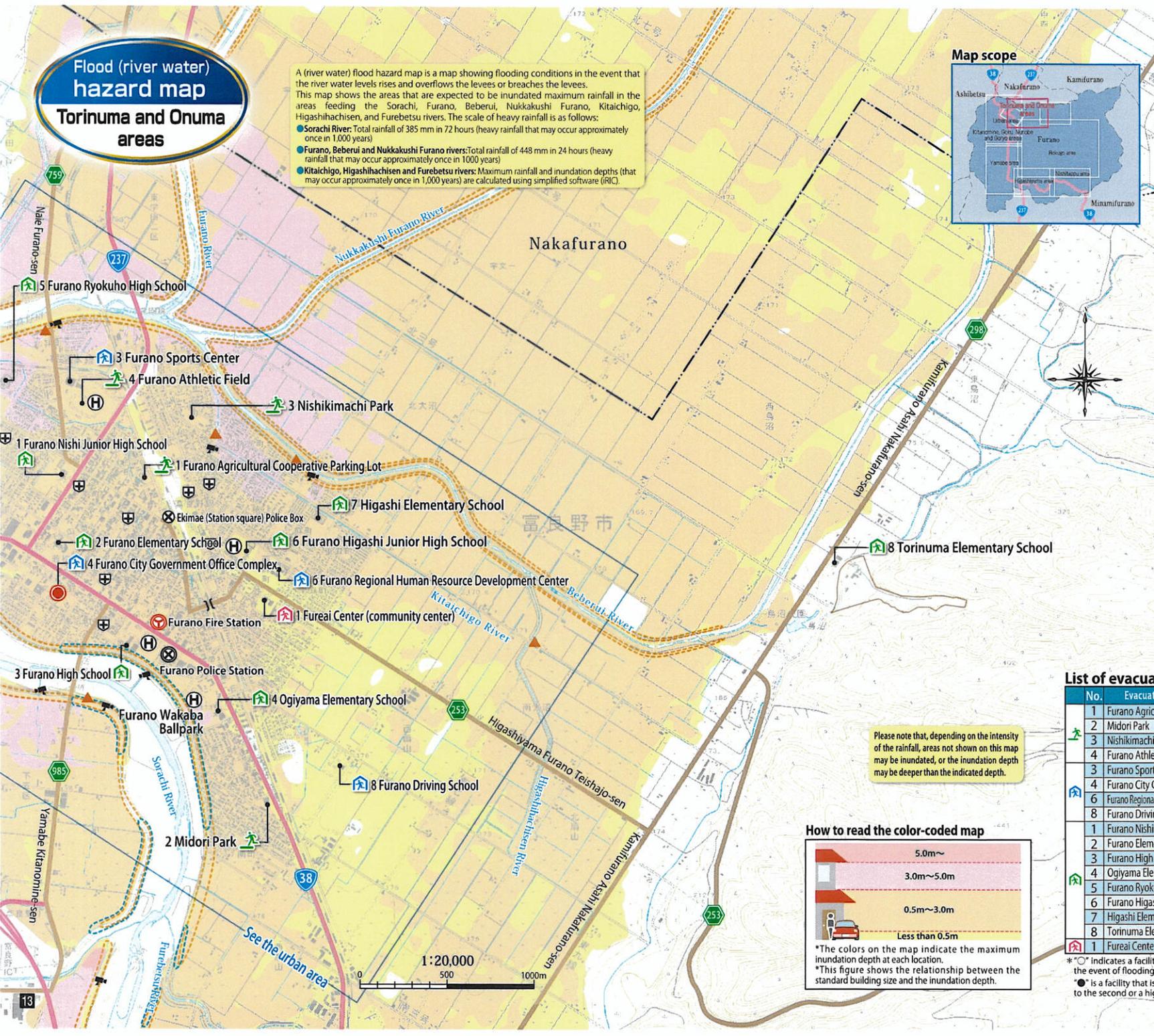
## Sediment disaster hazard area

Emergency warning area	
	Debris flow/steep slope
	Warning area
	Debris flow
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Legend of areas that may be flooded	
	Water depth: 5.0 m - 10.0 m
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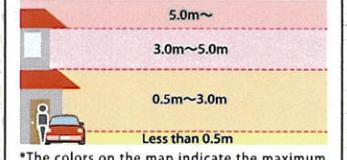
Area where early evacuation is required	
	Area at risk of house collapse due to flooding currents
	Area at risk of house collapse due to riverbank erosion

\*Water levels at water level observation stations and crisis management water level gauges and live camera images can be checked on the River Flood Information website of the Ministry of Land, Infrastructure, Transport and Tourism.



Please note that, depending on the intensity of the rainfall, areas not shown on this map may be inundated, or the inundation depth may be deeper than the indicated depth.

## How to read the color-coded map



\*The colors on the map indicate the maximum inundation depth at each location.  
\*This figure shows the relationship between the standard building size and the inundation depth.

## List of evacuation shelters

No.	Evacuation shelter name	Location	Response to flooding!
1	Furano Agricultural Cooperative Parking Lot	1 Asahimachi	
2	Midori Park	13 Midorimachi	
3	Nishikimachi Park	12 Nishikimachi	
4	Furano Athletic Field	5 Katsuragi-cho	
3	Furano Sports Center	5-10 Katsuragi-cho	●
4	Furano City Government Office Complex	1-1 Yayoi-cho	●
6	Furano Regional Human Resource Development Center	1-1 Nishiasamachi	●
8	Furano Driving School	2 Nishiogyama	●
1	Furano Nishi Junior High School	1-1 Katsuragi-cho	●
2	Furano Elementary School	10-1 Wakamatsu-cho	●
3	Furano High School	1-1 Suehiro-cho	●
4	Ogiyama Elementary School	2-20 Midorimachi	●
5	Furano Ryokuhou High School	1-1 Nishimachi	●
6	Furano Higashi Junior High School	1-30 Mizuho-cho	●
7	Higashi Elementary School	8-1 Kitasamachi	●
8	Torinuma Elementary School	Higashitorinuma	●
1	Fureai Center (community center)	12-5 Kasuga-cho	●

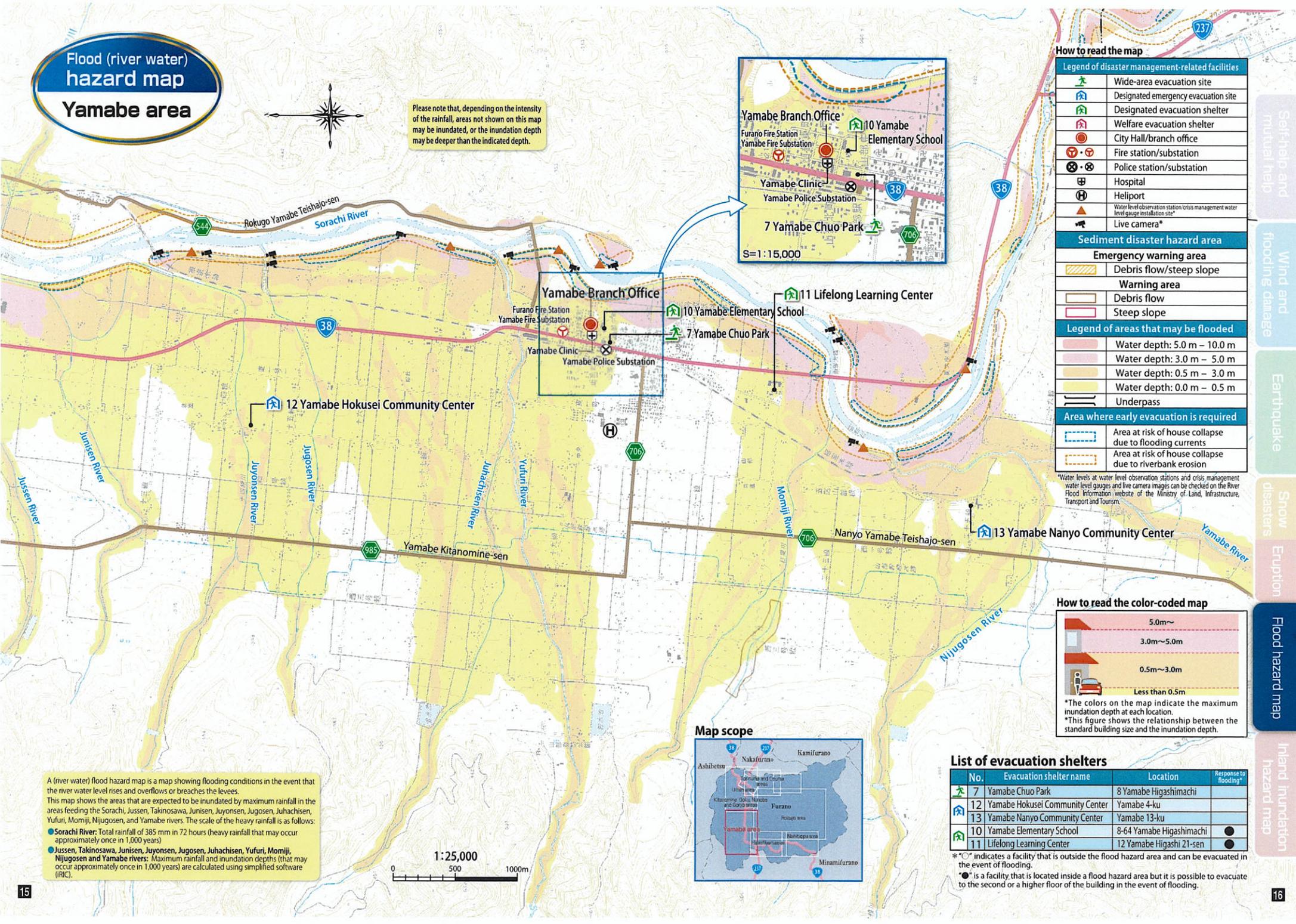
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# Flood (river water) hazard map Yamabe area



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Legend of disaster management-related facilities	
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	Designated emergency evacuation site
	Designated evacuation shelter
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	City Hall/branch office
	Fire station/substation
	Police station/substation
	Hospital
	Heliport
	Water level observation station/crisis management water level gauge installation site
	Live camera*

### Sediment disaster hazard area

Emergency warning area	
	Debris flow/steep slope
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### Legend of areas that may be flooded

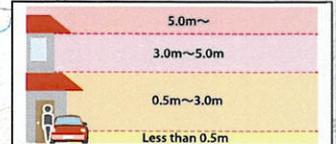
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### Area where early evacuation is required

	Area at risk of house collapse due to flooding currents
	Area at risk of house collapse due to riverbank erosion

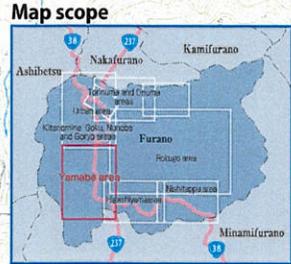
\*Water levels at water level observation stations and crisis management water level gauges and live camera images can be checked on the River Flood Information website of the Ministry of Land, Infrastructure, Transport and Tourism.

### How to read the color-coded map



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● Sorachi River: Total rainfall of 385 mm in 72 hours (heavy rainfall that may occur approximately once in 1,000 years)  
● Jussen, Takinosawa, Junisen, Juyonsen, Jugosen, Juhachisen, Yufuri, Momiji, Nijugosen and Yamabe rivers: Maximum rainfall and inundation depths (that may occur approximately once in 1,000 years) are calculated using simplified software (iRIC).



### List of evacuation shelters

No.	Evacuation shelter name	Location	Response to flooding*
7	Yamabe Chuo Park	8 Yamabe Higashimachi	
12	Yamabe Hokusei Community Center	Yamabe 4-ku	
13	Yamabe Nanyo Community Center	Yamabe 13-ku	
10	Yamabe Elementary School	8-64 Yamabe Higashimachi	●
11	Lifelong Learning Center	12 Yamabe Higashi 21-sen	●

\* "○" indicates a facility that is outside the flood hazard area and can be evacuated in the event of flooding.  
\* "●" is a facility that is located inside a flood hazard area but it is possible to evacuate to the second or a higher floor of the building in the event of flooding.