

ECHIZEN CITY

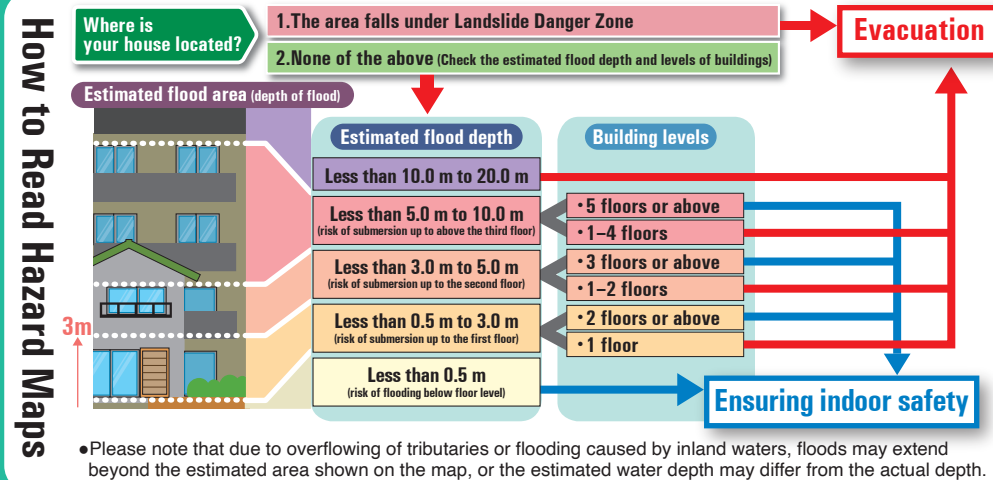
Special Edition

Flood & Inland Flooding Hazard Map

Hazard Map

Sakaguchi / Shirayama / Higashi / Nishi / Minami / Kamiyama / Yoshino / Omushi / Oshio District

(Planned scale)



This hazard map overlays information on multiple types of disasters, including floods, inland flooding, and landslides.

Echizen city flood hazard map (planned scale)

The Echizen city flood hazard map shows the estimated flood depth for the planned scale by superimposing the estimated results of flooding when estimated rainfall of the planned scale occurs on Hino River, Yoshino River, Tenno River, Kawaso River, Oshiotani River, Shimizu River, and all rivers are flooded.

Estimated flooding conditions

Kuzuryu River system - Planned scale	
Hino River	Total rainfall in the upper reaches of Sabae area in two days: 320 mm
Yoshino River	Total rainfall in the Yoshino River basin in one day: 188 mm
Tenno River	Total rainfall in the Tenno River basin in one day: 188 mm
Kawaso River	Total rainfall in the Kawaso River basin in one day: 182 mm
Oshiotani River	Total rainfall in the Oshiotani River basin in one day: 177 mm
Shimizu River	Total rainfall in the Shimizu River basin in one day: 177 mm

About the Echizen city Inland Flooding Hazard Map

The Echizen City Inland Flooding Hazard Map is based on a flood simulation of the maximum expected rainfall (130 mm/h) within the stormwater sewer planning area. It overlays the results of the maximum projected inundation depth (inland flooding assumption areas) onto the flood hazard map.

VR Experience VR! (Virtual Reality)

You can experience a 360° view of the height at which the flood is approaching. The flood status of three locations, the open space in front of JR Takefu Station, around the Tannan Doboku Office, and around the Imadate Doboku Office ruin, can be viewed in the form of an image.

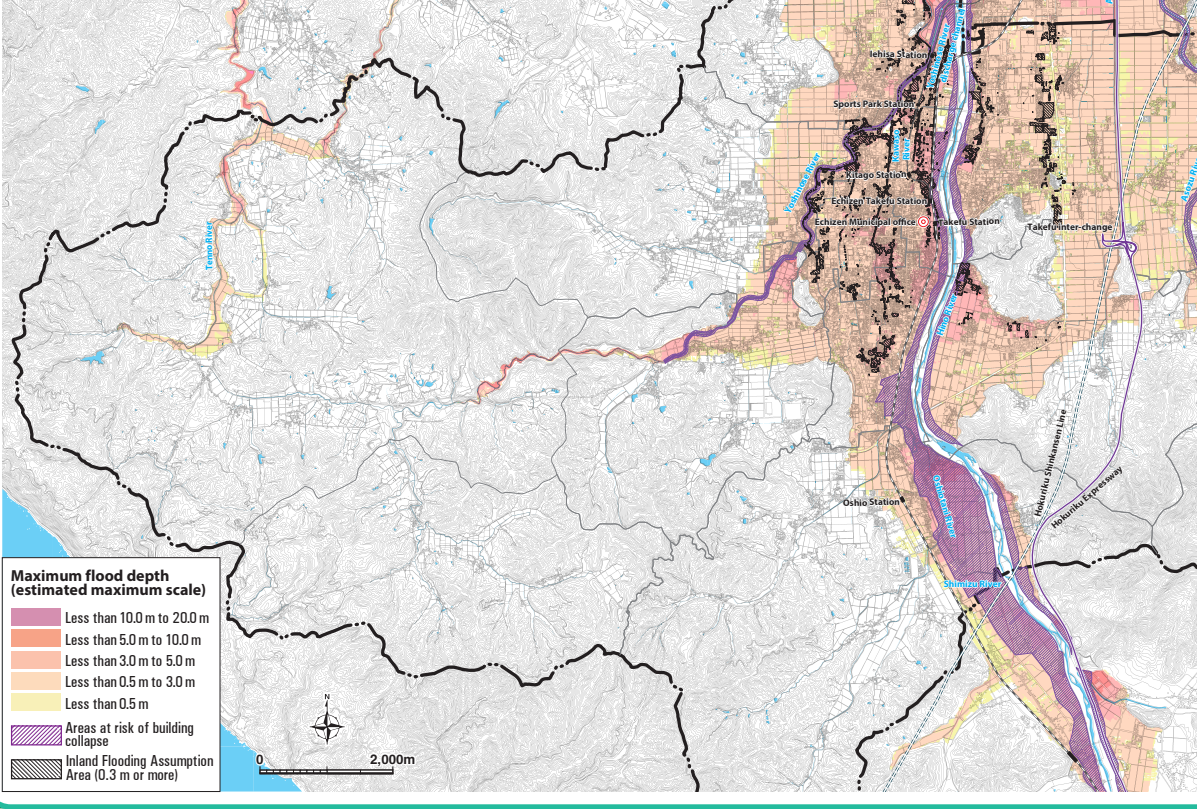


Echizen city flood hazard map (Estimated maximum scale)

The Echizen city flood hazard map shows the estimated flood depth for the estimated maximum scale of flooding by superimposing the estimated results of flooding when rainfall of the estimated maximum scale occurs on Hino River, Yoshino River, Tenno River, Kawaso River, Oshiotani River, Shimizu River, and all rivers are flooded.

Estimated flooding conditions	
Kuzuryu River system - Estimated maximum scale	
Hino River	Total rainfall in the upper reaches of Sabae area in two days: 324 mm
Yoshino River	Total rainfall in the Yoshino River basin in one day: 177 mm
Tenno River	Total rainfall in the Tenno River basin in one day: 180 mm
Kawaso River	Total rainfall in the Kawaso River basin in one day: 183 mm
Oshiotani River	Total rainfall in the Oshiotani River basin in one day: 173 mm
Shimizu River	Total rainfall in the Shimizu River basin in one day: 173 mm

Flood & Inland Flooding hazard map (estimated maximum scale)



Regional evacuation sites (designated evacuation shelters) and designated emergency evacuation shelters

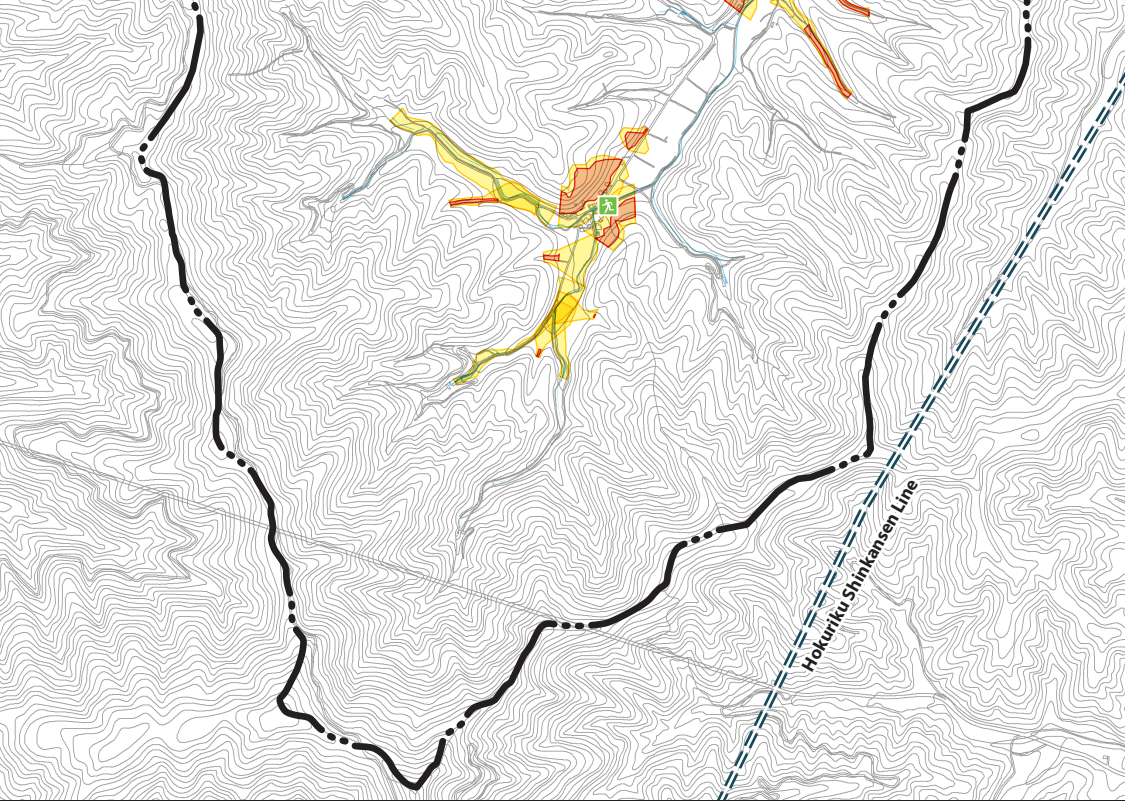
District name	No.	Facility	Available classification		
			Flood	Steep slope debris flow landslide	Earthquake
Higashi district	1	Takefu Higashi Elementary School	○	○	○
Nishi district	2	Takefu Nishi Elementary School	○	○	○
Minami district	3	Takefu Daiichi Junior High School	○	○	○
Kamiyama district	4	Takefu Minami Elementary School	○	○	○
Yoshino district	5	Takefu Daini Junior High School	○	○	○
Omushi district	6	Kamiyama Elementary School	○	○	○
Sakaguchi district	7	Yoshino Elementary School	○	○	○
Oshio district	8	Yanagiso Community Center	○	○	○
Shirayama district	9	Tannansogo Park(Gymnasium)	○	○	○
	10	Omushi Elementary School	○	○	○
	11	Sakaguchi Elementary School	○	○	○
	12	Oshio Elementary School	○	○	○
	13	Takefu Dairoku Junior High School	○	○	○
	14	Shirayama Elementary School	○	○	○
	15	Takefu Daigo Junior High School	○	○	○
	16	Takefu Daigo Junior High School	○	○	○

※ Takefu Daigo Junior High School is open only for major disasters.

Designated emergency evacuation area

District name	No.	Facility	Available classification		
			Flood	Steep slope debris flow landslide	Earthquake
Higashi district	50	Hinogawa Kasen Ryokuchi Park (Left bank of the river)	○	○	○
	51	Horikawa Park(Nishiki Park)	○	○	○
	52	Kitagofureai Park	○	○	○
	53	Takefukitago Park	○	○	○
	54	Takase Park	○	○	○
	55	Takefu Chuo Park	○	○	○
	56	Kamo Park	○	○	○
	57	Ishihara Park	○	○	○
Nishi district	58	Nishiura Park	○	○	○
	59	Goro Park	○	○	○
	60	Hiraide Park	○	○	○
	61	Himawari Park	○	○	○
	62	Karamatsu Park	○	○	○
	63	Asagiri Park	○	○	○
	64	Minamimoto Park	○	○	○
	65	Himekawa Park	○	○	○
	66	Bunkyo Park	○	○	○
	67	Murasakishikibu Park	○	○	○
	68	Wakasugi Park	○	○	○
Minami district	69	Kamiyama Nanbu Shikibu Park	○	○	○
	70	Myohoji Park	○	○	○
	71	Tsukimi Park	○	○	○
	72	Nawate Park	○	○	○
	73	Tsunehisa Tokujin Iseki Park	○	○	○
	74	Mitsukuchi Park	○	○	○
	75	Sempuku Daini Park	○	○	○
	76	Sempuku Park	○	○	○
Kamiyama district	77	Hibarigaoka Daiichi Park	○	○	○
	78	Shin Onofureai Park	○	○	○
	79	Hibarigaoka Daini Park	○	○	○
	80	Lions No Oka Daini Park	○	○	○
	81	Mukaigaoka Park	○	○	○
	82	Kamihonodanchi Park	○	○	○
	83	Tannansogo Park (Ground)	○	○	○
	84	Iehisa Park	○	○	○
Yoshino district	85	Iehisa Sports Park	○	○	○
	86	Yanagihara Park	○	○	○
	87	Iehisa Nanbu Park	○	○	○
	88	Shibahara Daiichi Park	○	○	○
	89	Shibahara Daini Park	○	○	○
	90	Shibahara Park	○	○	○
	91	Takefu Shibahara Park	○	○	○
	110	Sakuragaoka Park	○	○	○
	111	Jinya Daini Park	○	○	○
Omushi district	112	Jinya Daiichi Park	○	○	○
	113	Nishinogo Daiichi Park	○	○	○
	114	Kitayama Park	○	○	○
	115	Hagoromo Park	○	○	○
	116	Komadori Daiichi Park	○	○	○
	117	Komadori Daini Park	○	○	○
Oshio district	118	Asaka Park	○	○	○
	119	Chanoki Park	○	○	○
	120	Yuhi Park	○	○	○

Appendix fig.



Legend

- Regional evacuation sites (Designated evacuation shelters)
- Designated emergency evacuation area
- Primary evacuation area
- Community center
- Welfare facility
- Medical institution
- Fire department
- Police station

- Municipal office/branch
- Rainfall observation center
- River fixed-point camera
- Flood prevention warehouse
- Water level gauging station
- Underground passage
- Stormwater Sewer Planning Area
- District boundaries

Landslide danger zones and so on

- Landslide special danger zones
- Landslide danger zones
- Areas at risk of building collapse
- Inland Flooding Assumption Area (0.3 m or more)

Maximum flood depth (planned scale)

- Less than 5.0 m to 10.0 m
- Less than 3.0 m to 5.0 m
- Less than 0.5 m to 3.0 m
- Less than 0.5 m
- Flood and landslide occurrence zones
- Flood scope history
- Areas that may pose danger during evacuation

Appendix fig.