Fukuroi City Flooding Hazard Map

⑤ Fukuroi South, Konan, and Toyosawa Districts

Target river

● Ota River system (total rainfall in 24 hours: 629.5 mm)
Ota River, Haranoya River, Shikiji River, Sakagawa River, Ugari River, Ogasazawa River, Hattazawa River, Magomezawa River, Kanita River, Okino River, Koyabu River, Nakazawa River, Ichimiya River

● Benzaiten River system (total rainfall in 24 hours: 800.0 mm)
1) Upriver recorded 130 mm of rainfall in one hour
Benzaiten River, Geshi River, Osuka-Shinkawa River
Misawa River[1)] , Omigaya River[1)]

● Maekawa River system (total rainfall in 24 hours: 836.0 mm)
Maekawa River

1) Predicted rainfall: Upriver recorded 130 mm of rainfall in one hour

List of Designated Emergency Evacuation Sites

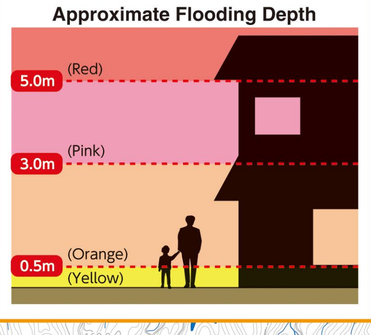
Designated emergency evacuation site	Address	Floors	Remarks
Fukuroi Nishi Elementary School	442 Kawai	4	*
Fukuroi Junior High School	701 Kawai	4	*
Fukuroi Higashi Elementary School	2317-1 Hirooka	3	
Fukuroi Higashi Community Center (Katsumokukan)	2506-1 Hirooka	2	
Fukuroi Minami Community Center (Nanpukan)	754-1 Takao	2	
Fukuroi Minami Elementary School	740 Takao	3	
Fukuroi Minami Junior High School	3110 Aino	4	
Shizuoka Prefectural Fukuroi High School	2446-1 Aino	3	
Ogasayama Sports Park (ECOPA)	2300-1 Aino	6	
Shizuoka Institute of Science and Technology	2200-2 Toyosawa	5	
Toyosawa Community Center (Toyosawa Fureai Kaikan)	210-1 Toyosawa	1	
Shizuoka Prefectural Fukuroi Special Needs Education School	2753-1 Takao	3	
Konan Community Center (Kibokan)	267-8 Uedacho	2	
Fukuroi Sports Center	267-19 Uedacho	2	
Sunlife Fukuroi Workers' Welfare Center	267-5 Uedacho	2	
Konan Elementary School	306-2 Uedacho	3	
Daycare & Early Childhood Education Center Nijiiro	267-31 Uedacho	1	
Asaba Higashi Elementary School	2800 Asaba	3	
Asaba Higashi Daycare & Early Childhood Education Center	2617-1 Asaba	1	
Asaba Kita Community Center	2857 Asaba	1	
Chuen Clean Center - Incineration Facility	6635-192 Okazaki	3	

* Designated emergency evacuation sites for which evacuation to the second floor or higher is required

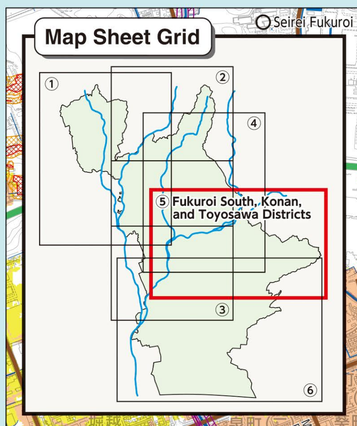
Legend

- Designated Emergency Evacuation Site
- Major Public Facility
- Shizuoka Prefecture Water Level Observation Station
- Municipal Boundary
- Highway
- Major Road
- Shinkansen
- JR Line
- Private Railway
- Reservoir, etc.
- Landslide Hazard Area
- Special Landslide Hazard Area
- Record of flooding damage from Typhoon No. 15 (September 2022)
- Record of inundation from flooding (November 2004)
- Areas at risk of house collapse due to floodwaters or riverbank erosion
- Underground passages, underpasses, and other hazardous areas
- (Red) Areas with a flooding depth of 5.0 meters or more
- (Pink) Areas with a flooding depth of 3.0 meters or more but less than 5.0 meters
- (Orange) Areas with a flooding depth of 0.5 meters or more but less than 3.0 meters
- (Yellow) Areas with a flooding depth of less than 0.5 meters

Approximate Flooding Depth



Map Sheet Grid



Predicted inundation zone
(predicted maximum scale)

This flood hazard map was created to help residents in areas predicted to flood during anticipated or actual overflow of rivers, such as the Ota River system, evacuate promptly.
*What is the "predicted maximum scale"?
It is a forecast based on the assumption of flooding caused by the maximum predicted rainfall.

How was the predicted inundation zone (predicted maximum scale*) determined?

This predicted inundation zone is a simulation of areas predicted to flood when levees are breached or overflow due to the maximum conceivable rainfall in the Ota River system, Benzaiten River system, and Maekawa River system as well as the predicted water depth in such flooded areas. (Predicted maximum rainfall 24-hour total rainfall: Ota River system:629.5mm, Benzaiten River system:800.0mm, Maekawa River system:836.0mm)
Please note that this predicted inundation zone does not take into consideration heavy rainfall exceeding the assumed rainfall, flooding from waterways, or overflow. Therefore, flooding may occur even in uncolored areas, and the actual flooding depth may differ.

Fukuroi City Inland Flooding Hazard Map

⑤ Fukuroi South, Konan, and Toyosawa Districts

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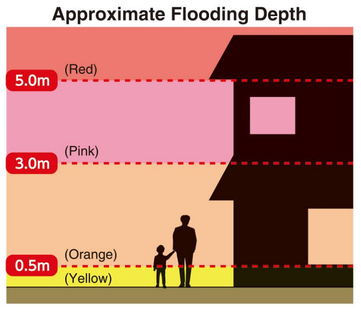

Predicted inland flooding zone
(predicted maximum scale)

This inland flood hazard map was created to help residents in areas at risk of flooding during heavy rains exceeding drainage capacity prepare and take action beforehand.
*For inundation predictions around rivers, be sure to also refer to the flood hazard map.

How was the predicted inland flooding zone (predicted maximum scale) determined?

This predicted inland flooding area is a simulation of the scope and depth of water overflowing from drainage channels, street gutters, and other waterways during the maximum predicted rainfall event.
We conducted a flood simulation based on the maximum hourly rainfall of 147.0 mm in the largest predicted rainfall event for the Chubu region, where Fukuroi City is located.
Please note that while this inland inundation area map is a simulation that takes into account water overflowing from river levees, it does not anticipate levee breaches. Consequently, the flood inundation areas may differ in terms of flooding depth and scope compared to the predicted inundation area map.
Be sure to also refer to the flood hazard map.

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