Toyoake City

Hazard Map for Flooding and Landslides

To be retained

Revised in March 2022

How to read the Hazard Maps

Front side — Overlaid map of all flood and landslide risks

This hazard map shows the worst case in which flooding from waters from Class B rivers, law applicable rivers and ordinary rivers, and flooding from inland waters, which is caused by the inability of waterways and sewers to drain water, occur simultaneously in the event of the heaviest expected rainfall (occurring about once every 1000 years).

Regarding flooding due to storm surges, the extent of flooding (maximum depth of flooding) is shown under the assumption that the Muroto Typhoon (1934), the largest typhoon to ever hit Japan, whose scale was larger than the Isewan Typhoon (1959), had followed the worst-case course with the greatest possible storm surge impact on the coastal areas of Aichi Prefecture.

Back side — Hazard map by flood risk and other external force

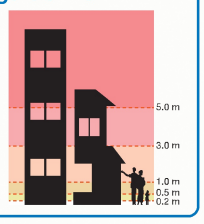
The overlaid map of the Maps for Assumed Flooded Areas from River Waters and the Maps for Predicted Flooded Areas (flooding from river waters) that have been prepared by Aichi Prefecture, the Maps for Assumed Flooded Areas from River Waters and the Maps for Predicted Flooded Areas due to (presumed-scale) external forces (flooding from river waters) and the maps for the assumed flooded areas from waters from law applicable rivers and ordinary rivers and the assumed flooded areas from inland waters that have been prepared by Toyoake City are shown.

This hazard map (flooding and landslides) is designed to help residents evacuate, based on the Maps for Assumed Flooded Areas from River Waters, the Maps for Predicted Flooded Areas, the Maps for Assumed Flooded Areas from Storm Surges and the Landslide (Special) Hazard Area Map that have been prepared by Aichi Prefecture and the maps for the assumed flooded areas from waters from law applicable rivers and ordinary rivers and the assumed flooded areas from inland waters that have been prepared by Toyoake City.

Check the following points: "Are there any flood or landslide hazards affecting my home or my workplace?" "Where are the evacuation shelters?" "Are there any hazards along the route to the evacuation shelter?"

Flooding height guideline

- Area from 5.0 m to below 10.0 m
- Area from 3.0 m to below 5.0 m
- Area from 1.0 m to below 3.0 m
- Area from 0.5 m to below 1.0 m
- Area from 0.2 m to below 0.5 m



Landslide (Special) Hazard Area

- Landslide Special Hazard Area (Steep Slope Collapse)
- Landslide Hazard Area (Steep Slope Collapse)

* Natural phenomenon where land with a slope of 30° or more collapses

Area requiring particularly early evacuation

● Area where houses may collapse or be swept away in the event of flooding

- River erosion
- Overflow water

Types of evacuation shelters

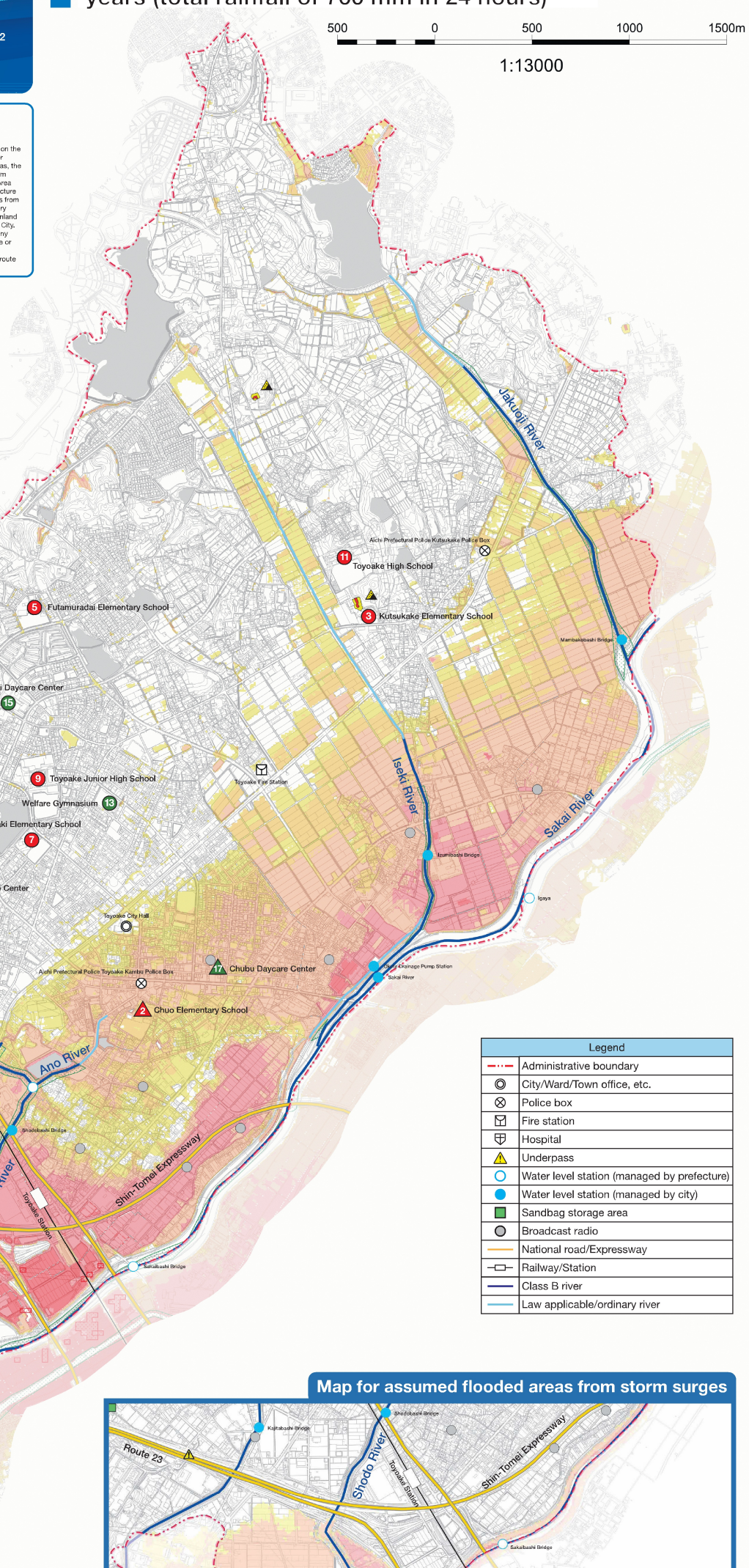
Designated emergency evacuation shelter in the event of storms or flooding

- Evacuation shelter that can be used in the event of a flood
- Evacuation shelter that may be flooded in the event of a heavy flood that occurs about once every 1000 years

Welfare institution evacuation shelter

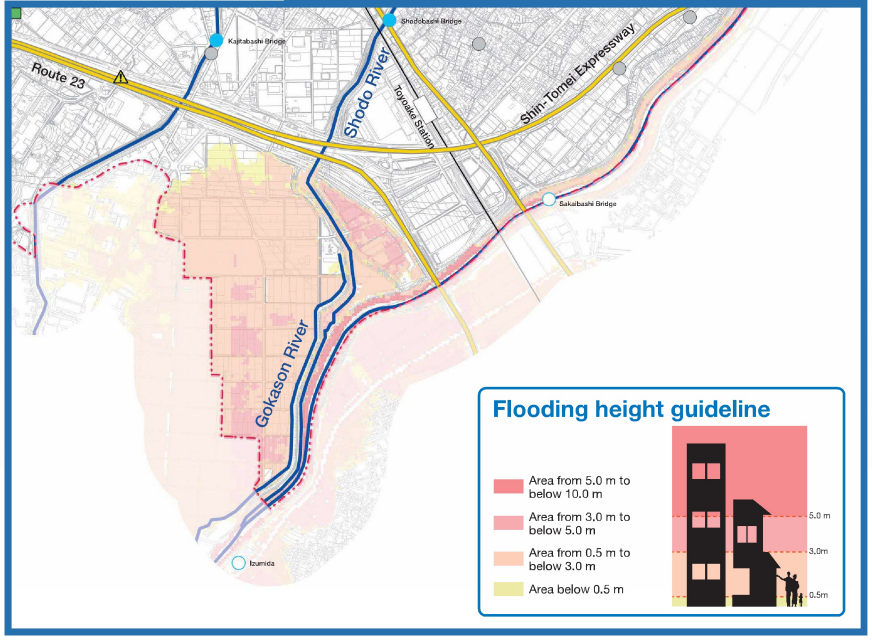
- Evacuation shelter that can be used in the event of a flood
- Evacuation shelter that may be flooded in the event of a heavy flood that occurs about once every 1000 years

If flooding from river waters and inland waters occur simultaneously in the event of a heavy rainfall that occurs about once every 1000 years (total rainfall of 760 mm in 24 hours)



Legend	
	Administrative boundary
◎	City/Ward/Town office, etc.
⊗	Police box
🏢	Fire station
🏥	Hospital
⚠	Underpass
○	Water level station (managed by prefecture)
●	Water level station (managed by city)
■	Sandbag storage area
◉	Broadcast radio
	National road/Expressway
	Railway/Station
	Class B river
	Law applicable/ordinary river

Map for assumed flooded areas from storm surges



Flooding height guideline

- Area from 5.0 m to below 10.0 m
- Area from 3.0 m to below 5.0 m
- Area from 0.5 m to below 3.0 m
- Area below 0.5 m

Designated emergency evacuation shelter in the event of storms or flooding

No.	Facility name	Address	Telephone number
1	Toyoake Elementary School	29 Anocho Chayaura	97-0111
2	Chuo Elementary School	38 Shindencho Nishisuji	92-0312
3	Kutsukake Elementary School	16 Kutsukakecho Ichinogozen	92-0743
4	Sakae Elementary School	295 Shinsakaecho 2-chome	97-5710
5	Futamuradai Elementary School	3 Futamuradai 7-chome	92-4821
6	Omiya Elementary School	1475 Zengocho Ohzama	93-0911
7	Misaki Elementary School	2-1 Misakicho Misaki	93-5111
8	Yakata Elementary School	3-758 Sakaecho Minamiyakata	97-1235
9	Toyoake Junior High School	4-1 Nishigawacho Yokoi	92-1321
10	Sakae Junior High School	50 Sakaecho Tononoyama	97-2648
11	Toyoake High School	10 Kutsukakecho Ebike	93-1166
12	Coexistence Exchange Plaza	27 Futamuradai 1-chome	57-1191

Welfare institution evacuation shelter

No.	Facility name	Address	Telephone number
13	Welfare Gymnasium	26-1 Nishigawacho Sasahara	93-5001
14	Aoitori Daycare Center	1-1 Misakicho Takagamo	92-6666
15	Futamuradai Daycare Center	1-1 Futamuradai 3-chome	92-1500
16	Yakata Daycare Center	30-273 Sakaecho Nishione	97-0800
17	Chubu Daycare Center	10-10 Shindencho Momsaki	92-7667
18	Uchiyama Daycare Center	67-5 Sakaecho Uchiyama	97-6336
19	Sakae Daycare Center	333 Shinsakaecho 2-chome	97-1900
20	Nambu Daycare Center	100 Sakaecho Sakahata	97-2811
21	Seibu Daycare Center	1212-66 Magomecho Tsurune	93-7781

<Notes>

- **This hazard map shows the maximum range by overlaying the following maps. This scale of flooding does not necessarily occur at the same time.**
  - Maps for Assumed Flooded Areas from River Waters under the Flood Control Act
  - Maps for Predicted Flooded Areas prepared by Aichi Prefecture
  - Maps for the assumed flooded areas from waters from law applicable rivers and ordinary rivers prepared by Toyoake City
  - Maps for the assumed flooded areas from inland waters prepared by Toyoake City

  ★The Map for assumed flooded areas from storm surges under the Flood Control Act is shown in a separate frame.
- **Regarding landslides, this hazard map shows the Landslide Hazard Areas and Landslide Special Hazard Areas designated by Aichi Prefecture under the Act on Sediment Disaster Countermeasures for Sediment Disaster Prone Areas.**
- **The extent and depth of flooding shown in the hazard maps are based on calculations. Depending on the intensity of rainfall, some areas that are not expected to be flooded may be flooded or the estimated depth may differ from the actual depth.**

Contact information

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