

Reservoir Hazard Map (Nishizawa ike)

Foreseen flooded area

This Hazard Map shows the area of flooding possibility by foreseeing situations of bursting reservoir bank in abnormal condition due to heavy rain and earthquake. The flooded area on this Map indicates maximum inundation depth caused by bursting bank of full reservoir. Please confirm the foreseen flooded area, and in case of detecting abnormality of reservoir or finding disaster possibility by evacuation advice from the city, evacuate immediately. In addition, please be aware that the foreseen flooded area could be different from that of actual flooded area.

Issued in March, 2020

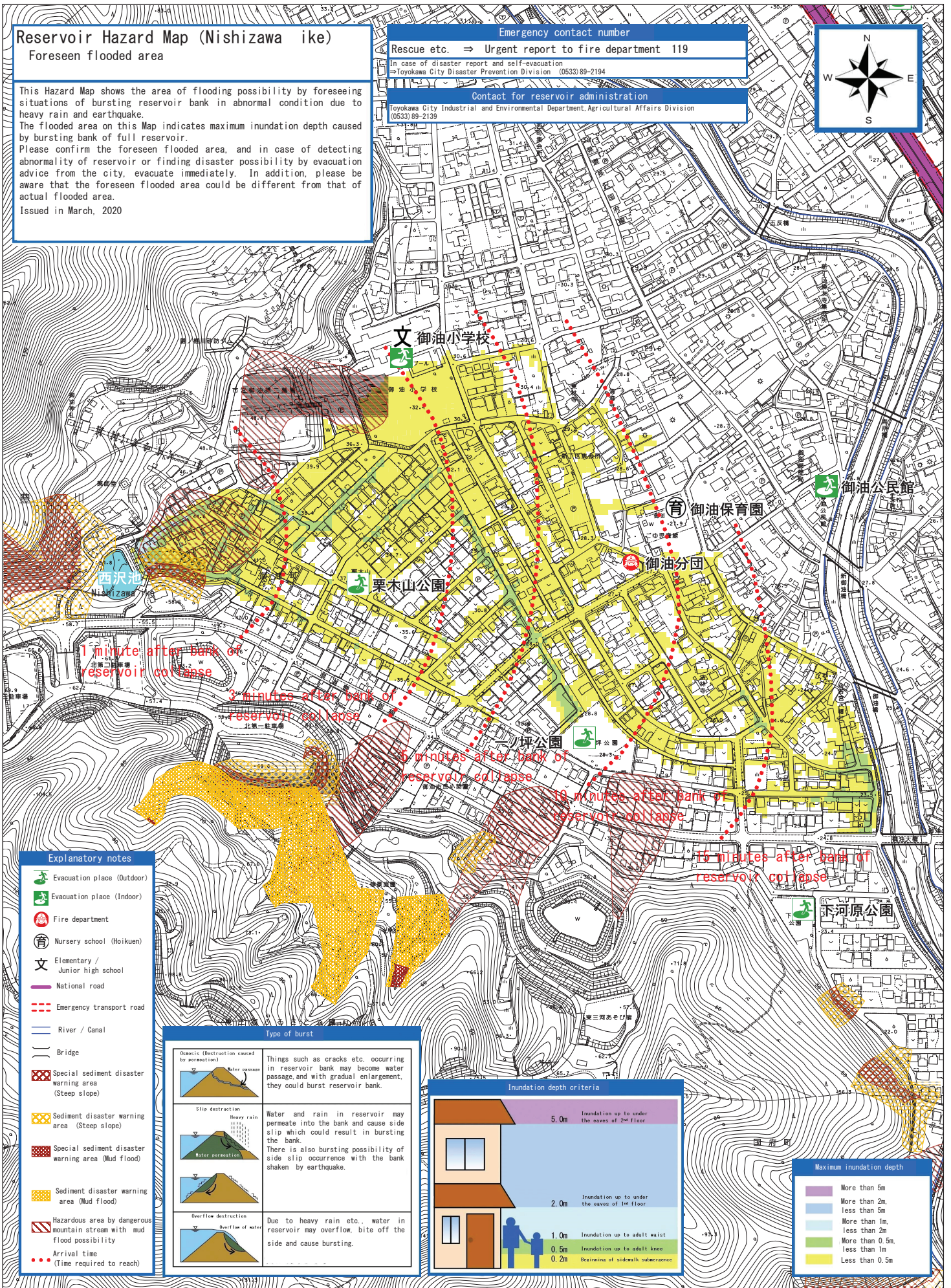
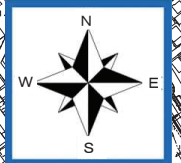
Emergency contact number

Rescue etc. ⇒ Urgent report to fire department 119

In case of disaster report and self-evacuation
⇒ Toyokawa City Disaster Prevention Division (0533)89-2194

Contact for reservoir administration

Toyokawa City Industrial and Environmental Department, Agricultural Affairs Division
(0533) 89-2139



Explanatory notes

- Evacuation place (Outdoor)
- Evacuation place (Indoor)
- Fire department
- Nursery school (Hoikuen)
- Elementary / Junior high school
- National road
- Emergency transport road
- River / Canal
- Bridge
- Special sediment disaster warning area (Steep slope)
- Sediment disaster warning area (Steep slope)
- Special sediment disaster warning area (Mud flood)
- Sediment disaster warning area (Mud flood)
- Hazardous area by dangerous mountain stream with mud flood possibility
- Arrival time (Time required to reach)

Type of burst

<p>Drawdown (Destruction caused by permeation)</p> <p>Water seepage</p>	<p>Things such as cracks etc. occurring in reservoir bank may become water passage, and with gradual enlargement, they could burst reservoir bank.</p>
<p>Slip destruction</p> <p>Heavy rain</p> <p>Water permeation</p>	<p>Water and rain in reservoir may permeate into the bank and cause side slip which could result in bursting the bank. There is also bursting possibility of side slip occurrence with the bank shaken by earthquake.</p>
<p>Overflow destruction</p> <p>Overflow of water</p>	<p>Due to heavy rain etc., water in reservoir may overflow, bite off the side and cause bursting.</p>

Inundation depth criteria

- 5.0m Inundation up to under the eaves of 2nd floor
- 2.0m Inundation up to under the eaves of 1st floor
- 1.0m Inundation up to adult waist
- 0.5m Inundation up to adult knee
- 0.2m Beginning of sidewalk submergence

Maximum inundation depth

- More than 5m
- More than 2m, less than 5m
- More than 1m, less than 2m
- More than 0.5m, less than 1m
- Less than 0.5m

Note 1) Sediment disaster warning area etc. and Hazardous area by dangerous mountain stream with mud flood possibility is the information at the point of January 24, 2020.

There can be corrections in number and size of above-mentioned area by further investigation after this date.

