

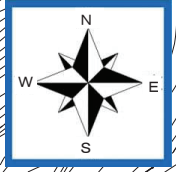
Reservoir Hazard Map (Aizome ike)

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



Type of burst

<p>Dam destruction (by permeation)</p>	<p>Water passage 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 Water permeation 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 Due to heavy rain etc., water in reservoir may overflow, bite off the side and cause bursting.</p>

Inundation depth criteria

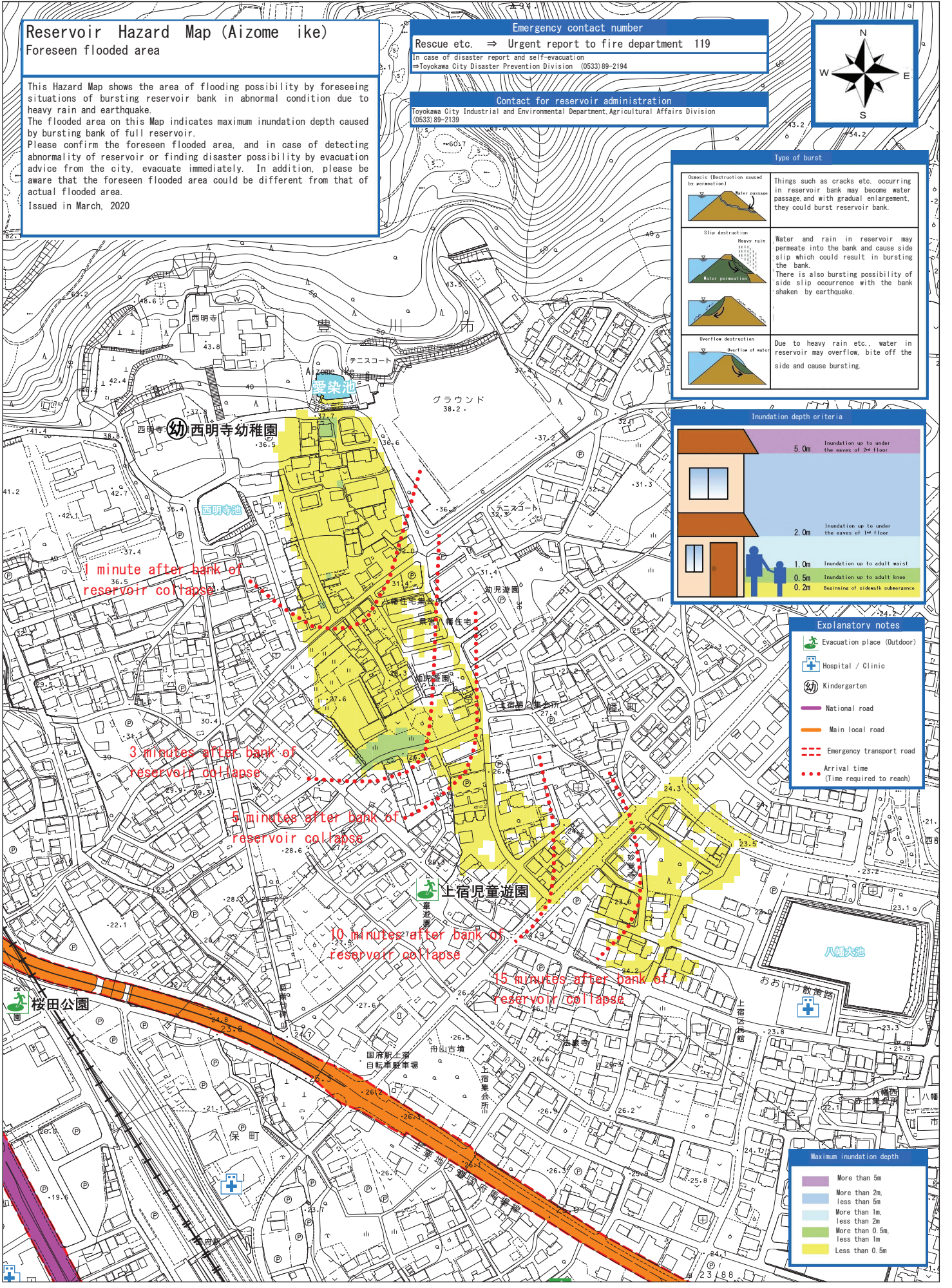
5.0m	Inundation up to under the eaves of 2nd floor
2.0m	Inundation up to under the eaves of 1st floor
1.0m	Inundation up to adult waist
0.5m	Inundation up to adult knee
0.2m	Beginning of sidewalk subsidence

Explanatory notes

- Evacuation place (Outdoor)
- Hospital / Clinic
- Kindergarten
- National road
- Main local road
- Emergency transport road
- Arrival time (Time required to reach)

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



1 minute after bank of reservoir collapse

3 minutes after bank of reservoir collapse

5 minutes after bank of reservoir collapse

10 minutes after bank of reservoir collapse

15 minutes after bank of reservoir collapse