



Inland flooding hazard map

Issued in March, 2022

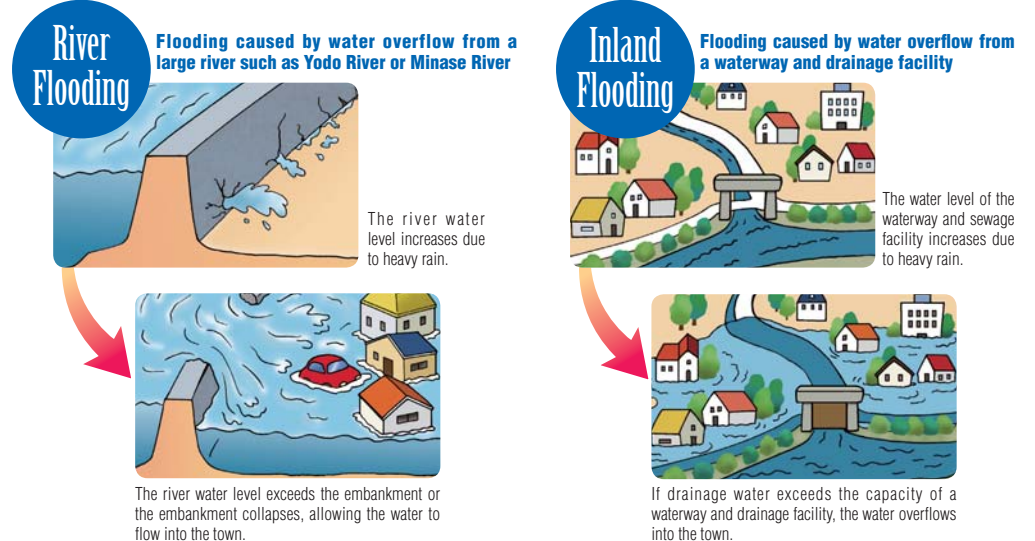
Information Sheet

- ◆The assumed flooding area in the inland flooding hazard map is designated on the assumption that rain fall equals the maximum experienced in Shimamoto Town (an hourly rainfall depth of 111 mm on August 14, 2012).
- ◆Assumed flooding is based on the assumption of inland flooding and shows the results based on assessments of rainwater drainage capacity at drainage facilities as of June 2021. Some areas have smaller areas of assumed flood damage as a result of work carried out since August 14, 2012 to connect to rainwater trunk drains, and because of storm drain maintenance.
- ◆Floodings may occur even in uncolored areas or the depth of flooding may differ depending on the rain fall or river water level.
- ◆This information is not provided under the Flood Control Act because Shimamoto Town is not designated as an assumed rainwater flood zone under Article 14-2 of the Flood Control Act.

Shimamoto Town
Water Service and Drainage Department
 3-11-24, Hirose, Shimamoto-cho,
 Mishima-gun, 618-0011
Phone 075-962-2862
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The difference between River flooding and Inland flooding

There are two types of flood damage - "river flooding (river water inundation)", which is caused by water overflowing from large rivers and destroying embankments, etc., and "inland flooding", which is when water overflows from waterways and drainage facilities because drainage water has exceeds the capacity. The inland flooding hazard map covers "inland flooding". Please refer to the Shimamoto Town Evacuation Site Map (issued in September 2020) for details of river flooding from rivers such as the Yodo River and the Minase River.



Emergency supplies checklist

Emergency supplies Your needs will differ depending on your family's make-up and ages. Think hard about your requirements and prepare what you will need. Try to collect enough consumable items, such as food, to last at least three days (seven days is recommended) in case the flooding is long-term.

Food articles	Medicinal supplies	Valuables
<input type="checkbox"/> Drinks (mineral water, etc.) <input type="checkbox"/> Emergency foods (canned foods, dried bread, retort pouch foods, etc.) <input type="checkbox"/> Portable foods (chocolate, candies, etc.) <input type="checkbox"/> Formula milk and baby bottles	<input type="checkbox"/> Household medicines (gastrointestinal medicines and cold medicines, etc.) <input type="checkbox"/> Bandages, gauze and plasters <input type="checkbox"/> Ointments and disinfectants <input type="checkbox"/> Thermometer	<input type="checkbox"/> Cash (including coins) <input type="checkbox"/> Bank passbook, personal seal <input type="checkbox"/> Credit cards <input type="checkbox"/> Health insurance card <input type="checkbox"/> Driving license, etc. (something to prove your identity)
Other everyday articles		
<input type="checkbox"/> Plastic bags <input type="checkbox"/> Candles and lighters <input type="checkbox"/> Knife and can opener <input type="checkbox"/> Tissues <input type="checkbox"/> Toilet paper	<input type="checkbox"/> Wet tissues <input type="checkbox"/> Flashlight (spare batteries) <input type="checkbox"/> Portable radio (spare batteries) <input type="checkbox"/> Mobile phone (charger and batteries) <input type="checkbox"/> Towel	<input type="checkbox"/> Work gloves <input type="checkbox"/> Rain gear and cold weather clothing <input type="checkbox"/> Slippers <input type="checkbox"/> Picnic sheet <input type="checkbox"/> Change of underwear and outer clothing <input type="checkbox"/> Sanitary products <input type="checkbox"/> Table-top gas burner and gas canisters

Infectious disease measures in an emergency As far as possible, make preparations to prevent the spread of infectious disease during your time at the refuge.

Check your emergency kit

<input type="checkbox"/> Mask <input type="checkbox"/> Hand sanitizer	<input type="checkbox"/> Sterilized alcohol sheets <input type="checkbox"/> Thermometer
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☐ Wear a mask when evacuating.
☐ Take your temperature and check how you are feeling before entering the refuge.
☐ Wash your hands frequently and follow coughing etiquette.
☐ Try to maintain enough distance between yourself and other evacuees.

How to obtain weather information

Shimamoto Town landslide disaster information
 You can check the rainfall and river water level in Shimamoto Town.
<http://shimamoto.wni.co.jp/>

Shimamoto town mail Shimamoto Town distributes "Shimamoto town mail" to inform residents of activities to develop a secure and safe community and information closely related to the community. Please register for this service.

Please register with the Osaka Disaster Prevention Net.
 Osaka Disaster Prevention Net is a portal site (website) to provide the residents of Osaka Prefecture with a wide variety of disaster prevention information in cases of weather, earthquake, lifeline, damage and evacuation in natural disasters in collaboration with all municipalities in Osaka Prefecture.

Disaster portal site From this portal site, you can check weather information advisories and warnings issued in Osaka Prefecture, earthquake and tsunami information, evacuation advisories and directives issued from municipalities in a time of disaster, damage and countermeasure status, disaster prevention (hazard) maps created by municipalities, and transportation, road and lifeline situations at a glance. There is the page of Shimamoto Town detailed community information is provided in a time of disaster. Please make good use of this service.

Disaster prevention information mail By registering your mobile telephone email address with the "Osaka Disaster Prevention Net," you can receive disaster prevention information mails on weather, earthquake and tsunami, evacuation advisories and directives in a time of disaster. Please register with this service. The registration is free of charge but users will be charged a communication charge for mail reception. You can read the following QR code from your mobile telephone to send an e-mail.

Types of evacuation information and requests

Alert Level	Situation	What you need to do	Information source (evacuation information, etc.)
5	Disaster occurrence / Disaster impending	Risk to life - secure safety immediately	Emergency Safety Measures ^{*1}
Be sure to evacuate by Alert Level 4!			
4	High risk of disaster	All persons to evacuate from dangerous locations	Evacuation Instruction
3	Risk of disaster	Elderly etc. to evacuate from dangerous locations to the refuge ^{*2}	Evacuation of the Elderly, etc.
2	Weather worsening	Check your own evacuation action plan	Heavy Rain, Flood, or Storm Surge Advisories (Japan Meteorological Agency)
1	Risk of weather worsening	Increase disaster preparations	Probability of Warnings (Japan Meteorological Agency)

*1: Alert Level 5 is rarely issued due to a number of reasons, such as municipal authorities being unable to accurately grasp the severity of a disaster.
 *2: An Alert Level 3 indicates that everyone living in the evacuating area should prepare to evacuate if the Alert Level is raised. People who may have difficulty evacuating quickly or who feel that they are already in danger should proceed to evacuate themselves.

Emergency contact information

<input type="checkbox"/> Fire department (fire, emergency, rescue) ... 119	<input type="checkbox"/> Police (emergency) ... 110
<input type="checkbox"/> Shimamoto Town Office ... 075-961-5151	

Self-help and mutual-help

To reduce flooding damage caused by heavy rain, comprehensive measures must be promoted not only by administrative organizations but also in cooperation with residents.

Self-help

Daily hints and preparation

- **Do not block the roadside drainage and street inlets.** Blockage of the street inlet by fallen leaves or garbage may cause road flooding or inundation. Do not place car access blocks or similar items on the street inlets.
- **Identify your house and the surrounding flooding situation on the map.** Check the assumed flooding situation near your house from the "inland flooding hazard map."
- **Prepare supplies for evacuation.** Check and prepare the supplies for evacuation so that you can take them out quickly.
- **Evacuate safely to a refuge.** In evacuation, do not get close to a river or bridge.

In case of heavy rain

- **Evacuate to a safe place temporarily.** In a conventional home, evacuate to the second floor. As for multiple story apartment evacuate to the upper stories.

Example of simple home flood-fighting methods

- **Simple flood-fighting methods using domestic articles** Simple flood-fighting methods are intended to keep water back using domestic articles. This method is effective when the depth of water is shallow.

How to make simplified water bags

Line up planters filled with soil, etc. and wrap these in picnic sheets to prevent flooding.

Make simplified water bags and use them with long boards to prevent water immersion.

Lay two 45-liter garbage bags one on top of another and fill the bag half-full with water.

When put in a corrugated cardboard sheet, bags can then be carried easily. You can simply place the bags side by side to prevent water immersion.

Mutual-help

Elderly, patient, injured

- Provide assistance in groups of two or more people.
- Hold hands, carry the patient on the back or use a stretcher when evacuating to a safe place.

Wheelchair user

- When evacuating a wheelchair user using the stairs, be sure to assist him/her in a group of three or more people. Be sure that the wheelchair user faces forward when going up the stairs and backward when going down so that he/she will not feel scared.

Visually handicapped person

- First, say "May I help you?"
- Speak clearly, slowly and loudly.
- When guiding, lightly touch the patient around the elbow of the arm not using a walking stick or have him/her touch you lightly at the elbow, upper arm or shoulder and slowly walk a half step ahead.

Person with impaired hearing

- Speak face-to-face clearly with the mouth opened wide.
- If verbal communication is difficult, communicate using writing.
- If there is nothing to write with, use your fingertip to write on the palm of the hearing impaired person.

Tourist and foreigners

- Use a combination of gestures, illustrations, pictures and simple Japanese to communicate.

"Self-help"... Actions to help yourself, "Mutual-help"... Actions to help each other in the area and neighborhood, "Public help"... Assistance from national and local public entities

Hints in evacuation

- **Wear clothes that are easy to move in.** In evacuation, wear comfortable clothes and perform evacuations in groups of two or more people.
- **Watch your step.** In times of flooding, use caution around road side ditches, waterways and manholes.

Inland flooding hazard map

When inland flooding is expected

In general, evacuation
refuges will not open in
response to inland flooding.
Try to ensure your safety by
moving to a higher part of
your home. Please check
for dangerous locations on
the hazard map.

When river flooding is expected

Try to evacuate securely from dangerous locations at an early stage as soon as evacuation information has been officially announced. Please check for dangerous locations and refuges on **the Shimamoto Town Evacuation Site Map.**

When landslide disasters are expected

When evacuation information has been officially announced or you notice signs of a landslide, evacuate immediately. Please check for dangerous locations and refuges on **the Shimamoto Town Evacuation Site Map.**

Hazards



Underpass etc.



Road



Wide-area emergency traffic route



Area emergency traffic route

Flooding damage area



Heavy rain on August 14, 2012

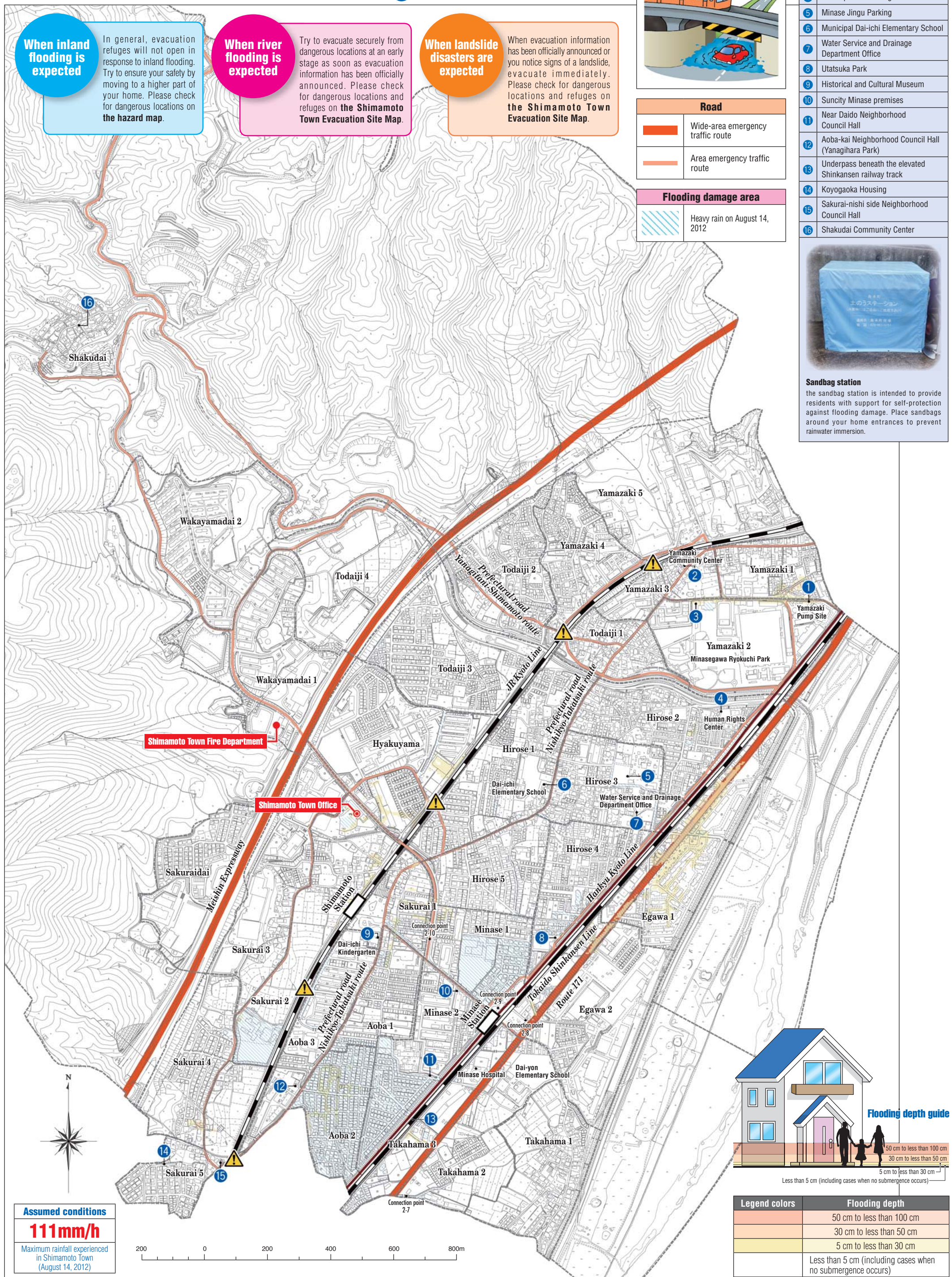
Sandbag station

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|----|--|
| 1 | Yamazaki Pump Site |
| 2 | Yamazaki Community Center |
| 3 | Minasegawa Ryokuchi Park |
| 4 | Municipal Human Rights Center |
| 5 | Minase Jingu Parking |
| 6 | Municipal Dai-ichi Elementary School |
| 7 | Water Service and Drainage
Department Office |
| 8 | Utatsuka Park |
| 9 | Historical and Cultural Museum |
| 10 | Suncity Minase premises |
| 11 | Near Daido Neighborhood
Council Hall |
| 12 | Aoba-kai Neighborhood Council Hall
(Yanagihara Park) |
| 13 | Underpass beneath the elevated
Shinkansen railway track |
| 14 | Koyogaoka Housing |
| 15 | Sakurai-nishi side Neighborhood
Council Hall |
| 16 | Shakudai Community Center |



Sandbag station

the sandbag station is intended to provide residents with support for self-protection against flooding damage. Place sandbags around your home entrances to prevent rainwater immersion.



Assumed conditions

111 mm/h

Maximum rainfall experienced
in Shimamoto Town
(August 14, 2012)

Flooding depth guide

Legend colors	Flooding depth
	50 cm to less than 100 cm
	30 cm to less than 50 cm
	5 cm to less than 30 cm
	Less than 5 cm (including cases when no submergence occurs)