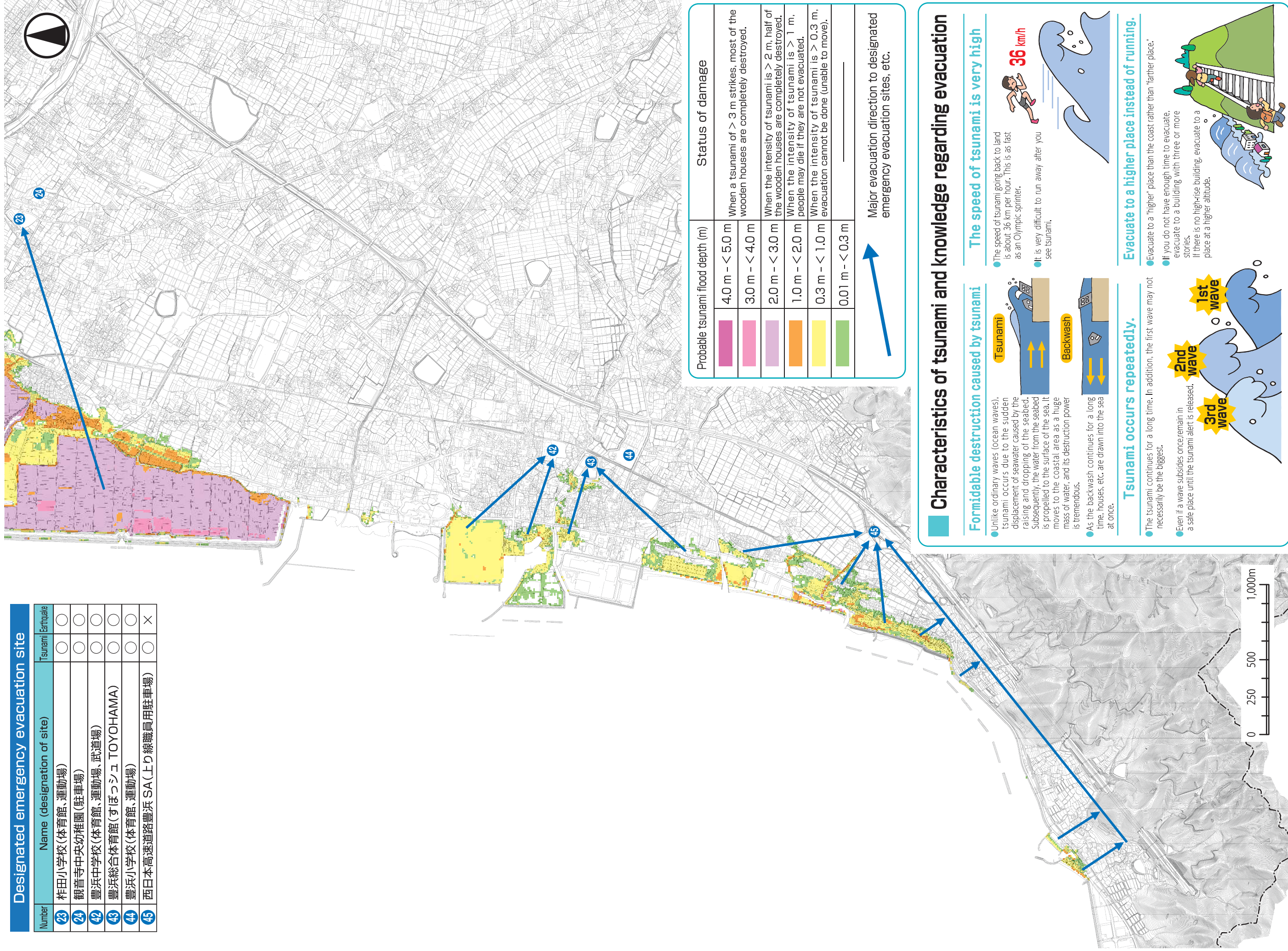


# Probable flood and degree of damage by tsunami (South area)

Designated emergency evacuation site		
Number	Name (designation of site)	Tsunami Earthquake
23	柞田小学校(体育館、運動場)	○ ○
24	観音寺中央幼稚園(駐車場)	○ ○
42	豊浜中学校(体育館、運動場、武道場)	○ ○
43	豊浜総合体育館(すぽっシユ TOYOHAMA)	○ ○
44	豊浜小学校(体育館、運動場)	○ ○
45	西日本高速道路豊浜 SA(上り線職員用駐車場)	○ ×



Probable tsunami flood depth (m)	Status of damage
4.0 m - < 5.0 m	Major evacuation direction to designated emergency evacuation sites, etc.
3.0 m - < 4.0 m	
2.0 m - < 3.0 m	
1.0 m - < 2.0 m	
0.3 m - < 1.0 m	
0.01 m - < 0.3 m	

When a tsunami of > 3 m strikes, most of the wooden houses are completely destroyed.

When the intensity of tsunami is > 2 m, half of the wooden houses are completely destroyed.

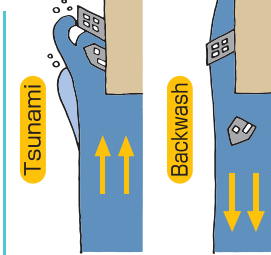
When the intensity of tsunami is > 1 m, people may die if they are not evacuated.

When the intensity of tsunami is > 0.3 m, evacuation cannot be done (unable to move).

## Characteristics of tsunami and knowledge regarding evacuation

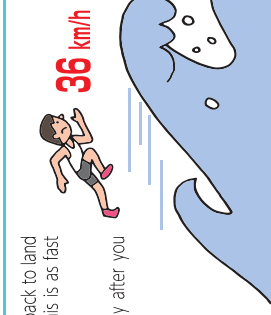
### Formidable destruction caused by tsunami

- Unlike ordinary waves (ocean waves), tsunami occurs due to the sudden displacement of seawater caused by the raising and dropping of the seabed. Subsequently, the water from the seabed is propelled to the surface of the sea. It moves to the coastal area as a huge mass of water, and its destruction power is tremendous.
- As the backwash continues for a long time, houses, etc. are drawn into the sea at once.



### The speed of tsunami is very high

- The speed of tsunami going back to land is about 36 km per hour. This is as fast as an Olympic sprinter.
- It is very difficult to run away after you see tsunami.



### Tsunami occurs repeatedly.

- The tsunami continues for a long time. In addition, the first wave may not necessarily be the biggest.
- Even if a wave subsides once, remain in a safe place until the tsunami alert is released.



### Evacuate to a higher place instead of running.

- Evacuate to a "higher" place than the coast rather than "farther place."
- If you do not have enough time to evacuate, evacuate to a building with three or more stories.
- If there is no high-rise building, evacuate to a place at a higher altitude.

