

Probable flood and degree of damage by tsunami (North area and Ibukijima)



Designated emergency evacuation site

Number	Name (designation of site)	Tsunami Earthquake
1	伊吹支所	○
2	伊吹中学校・小学校(体育館、運動場)	○
3	蓮光院	○
4	高室小学校(体育館、運動場)	○
5	高室公民館	○
6	興昌寺山	○
7	観音寺中学校(体育館、運動場、武道場)	○
8	琴弾山(十王堂前、参道階段、本殿前、山頂展望台)	○
9	観音寺信用金庫本店(6階大会議室、各階ホール)	○
10	観音寺商工会議所(3階ホール及び大ホール)	○
11	香川県三豊合同庁舎(3階会議室、2階以上西側外階段)	○
12	市営明星団地ほか(階段、踊り場)	○
13	鶴亀ハウス(階段、踊り場)	○
14	観音寺小学校(校舎2階以上)	○
15	主要地方道観音寺佐野線 昭和橋歩道	○
16	田代マンション(廊下、階段、踊り場)	○
17	(株)総合開発リネンサブライ事業部 (事務所2階会議室、産業リネン工場部分2階)	○
18	(一財)阪大微生物病研究会瀬戸センター (管理棟3階研修ホール、9階講堂ホール)	○
19	市営下津団地(階段、踊り場)	○
20	コミュニティ防災センター	○
21	常磐小学校(体育館、運動場)	○
22	中部中学校(体育館、運動場、武道場)	○
23	柞田小学校(体育館、運動場)	○
24	観音寺中央幼稚園(駐車場)	○

Probable tsunami flood depth (m)	Status of damage
4.0 m - < 5.0 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).
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	

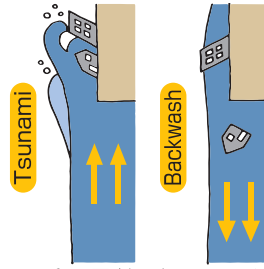
Major evacuation direction to designated emergency evacuation sites, etc.



Characteristics of tsunami and knowledge regarding evacuation

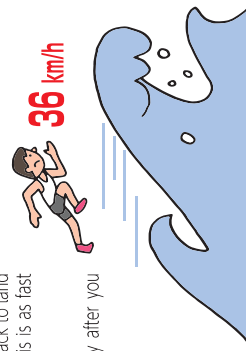
Formidable destruction caused by tsunami

- 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.

