



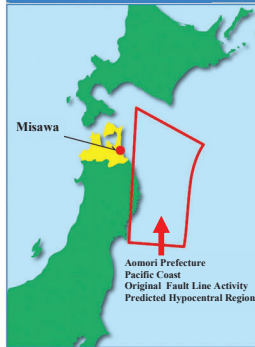
Tsunami Hazard Map



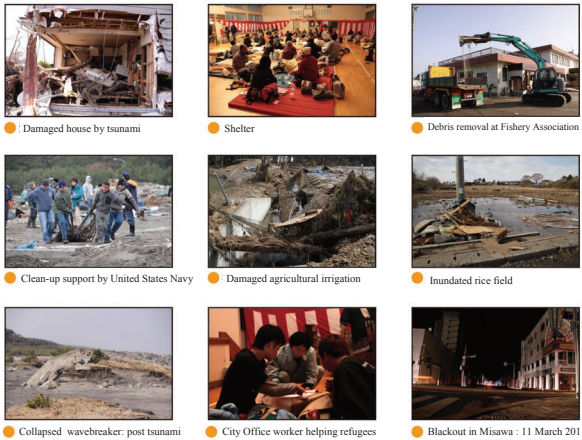
Conditions and Observation Note for Computer Simulated Tsunami Hazard Map

- This map depicts a simulated worst case tsunami strikes. The map depicts the estimated inundation area, inundation depth, and evacuation shelters.
 - The information herein this map has been based on the result of tsunami simulation conducted in 2012 by Aomori Prefecture.
- | Simulated Condition | Simulation Results |
|--|--|
| NAME : Aomori Pacific Coast Original Fault Line Activity | Estimated Maximum Tsunami Height: 21-51 feet |
| SCALE : Magnitude 9.0 | Tsunami Effect Start Time: 10-14 minutes |
| TIDE LEVEL : Average Lunar monthly tide difference +0.681m[+2feet] | Initial Tsunami Strike Time: 42-50 minutes |
- According to the simulation conducted by Aomori Prefecture, it is estimated to take approximately 42-50 minutes for tsunami to arrive at the Misawa coast after the earthquake. In order to evacuate properly, it is important to consider, plan, and double-check the evacuation route regularly. However, a small scaled earthquake can also trigger tsunamis. If you feel long and steady, but small earthquake, evacuating to shelter is recommended.
 - The simulated "worst case" scenario is calculated based upon scientific perspective and historical record, but it does not negate the possibility of an oversized tsunami striking area.
 - The simulated inundation depth and areas may be caused second and third tsunami strikes, not only by the first strike.
 - The ETA of tsunami, size and height of tsunami, inundation depth, and/or inundate areas may vary and/or worsen depends on the real world epicenter conditions such as epicenter is close to shore than simulated, stronger magnitude, and/or tide level and conditions.

Predicted Hypocentral Region



PICTURES OF DAMAGES CAUSED BY TOHOKU PACIFIC COAST EARTHQUAKE AND TSUNAMI



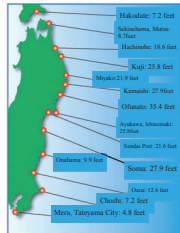
Records of Tsunami Height of Tohoku Pacific Coast Earthquake

Tohoku Pacific Coast Earthquake triggered historical record breaking tsunamis along with all Tohoku Pacific Coast.

Many coastal cities had been struck by **oversized tsunamis** that reached more than **24 feet**.

Aneyoshi Area, Miyako City, Iwate observed **117 feet** of Inundation Inflow Height.

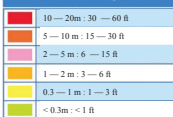
Approximately **18 feet high tsunami** struck Misawa.



List of Shelters

No.	NAME	Address
1	Okamisawa Elementary School	3-1-1 Okamisawa
2	Kiwanu Seichosen Home Hataraku Joshi No Ie	1-75 Saiwai-cho
3	Budo-Kan	1-4-20 Chino-cho
4	Dai Ni Junior High School	97-2 Sonosawa
5	Misawa Elementary School	93-2 Sonosawa
6	Horiguchi Junior High School	94-143 Horiguchi
7	Kiokino Elementary School	4-2 Higashi-cho
8	Misawa High School	1-1 Matsuzono
9	City General Gym	1-4-7 Sakura-cho
10	Dai Ichi Junior High School	2-1-34 Matsuzono-cho
11	Kamihato Elementary School	1-3-9 Oo-machi
12	Dai Go Junior High School	141-111 Furumaki-yama
13	Furumagi Elementary School	1-152-139 Furumaki
14	Misawa Commercial High School	2-154 Kasugadai

Tsunami Inundation Depth Indicator



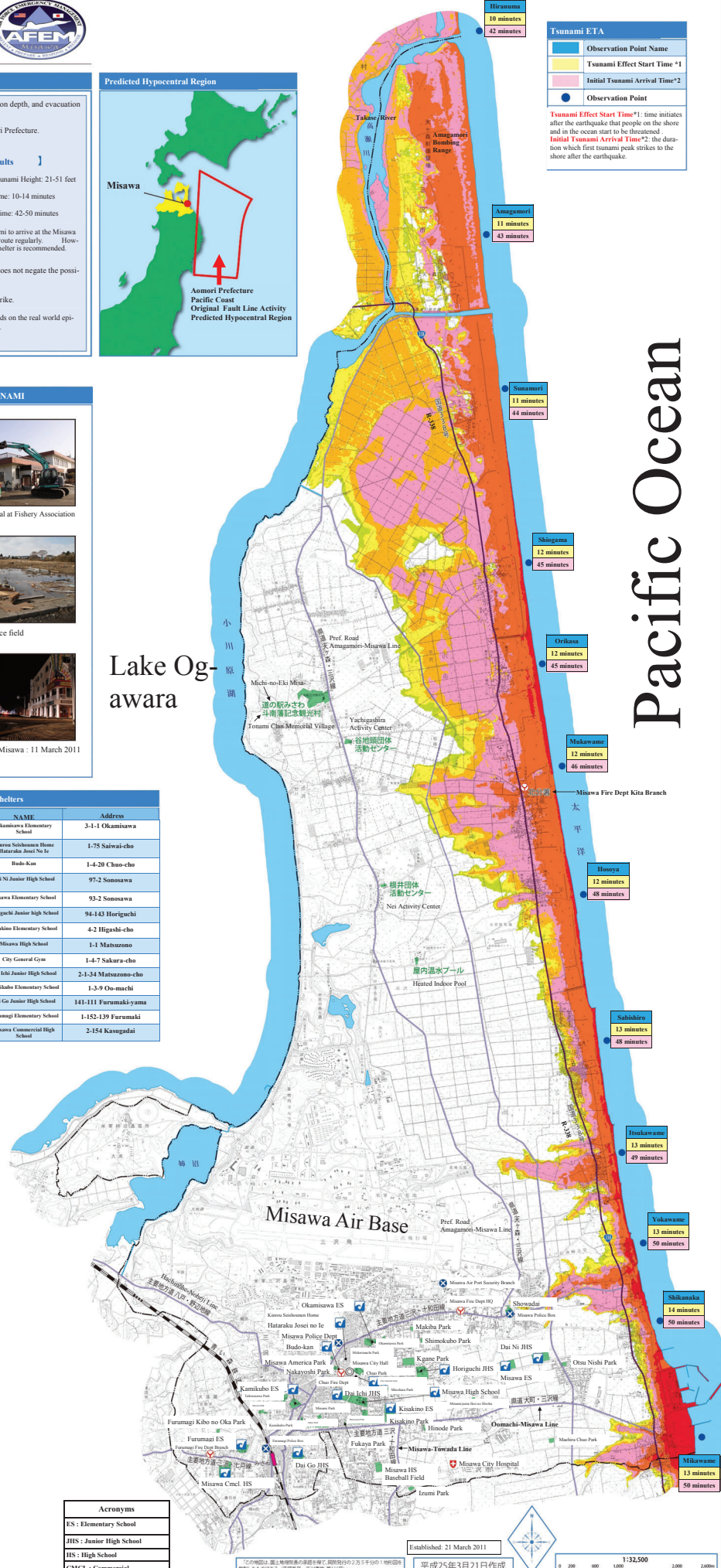
Legend

- Tsunami Safe Shelter
- Primary Shelter
- City Hall
- Fire Dept
- Police Dept
- Hospital
- National Road
- Prefectural or City Road
- Rail Road
- City Border

Estimated Maximum Tsunami Height and Time of Strike

Observation Point Names	Tsunami Effect Start Time	Maximum Water Level	ETA
Hiranama	10 minutes	7.9m: 23.7 ft	42 minutes
Amagamori	11 minutes	8.3m: 24.9 ft	43 minutes
Sunamori	11 minutes	8.3m: 24.9 ft	44 minutes
Shiogama	12 minutes	9.1m: 27.3 ft	45 minutes
Orikawa	12 minutes	9.4m: 28.2 ft	45 minutes
Mikawama	12 minutes	9.3m: 27.9 ft	46 minutes
Hosoya	12 minutes	9.9m: 29.7 ft	47 minutes
Sabshiro	13 minutes	11.9m: 35.7 ft	48 minutes
Itakawama	13 minutes	12.2m: 36.6 ft	49 minutes
Yokawama	13 minutes	12.4m: 37.2 ft	50 minutes
Shikanaka	14 minutes	13.9m: 41.7 ft	50 minutes
Mikawama	13 minutes	14.7m: 44.1 ft	50 minutes

Acronyms	Elementary School
ES	Elementary School
JHS	Junior High School
HS	High School
CMCL	Commercial



Established: 21 March 2011

平成25年3月21日作成

