3 Japan Trench Model (Tsunamigenic Earthquakes in a Subduction Zone)

S=1:15,000
0 300m

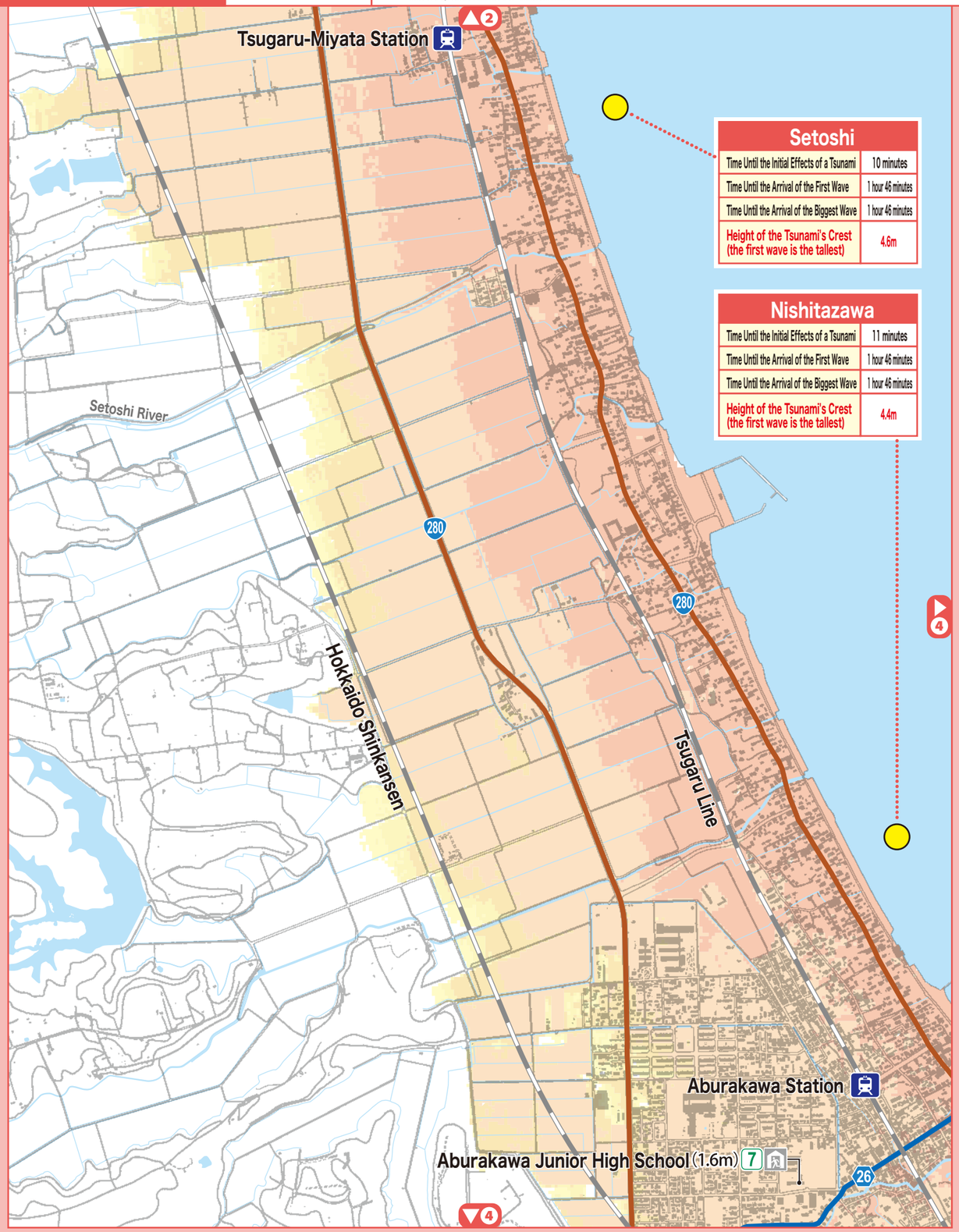
- Designated Emergency Evacuation Sites and Designated General Evacuation Shelters (outside of the predicted inundated area) (inundation in meters)
- Designated Emergency Evacuation Sites and Designated General Evacuation Shelters (inside of the predicted inundated area) (inundation in meters)
- Designated Emergency Evacuation Sites (outside of the predicted inundated area) (inundation in meters)
- Designated Emergency Evacuation Sites (inside of the predicted inundated area) (inundation in meters)
- Designated Social Welfare Evacuation Shelters (inundation in meters)
- City Hall (inundation in meters)
- Prefectural Office (inundation in meters)
- Hospital (inundation in meters)
- Police Station (inundation in meters)
- Fire Station (inundation in meters)
- Representative Point
- National Road
- Railway/Station
- Prefectural Road
- Aoimori Railway/Station
- Highway
- Municipal Border

Area Predicted to be Inundated by a Tsunami (Japan Trench Model: Standard Water Level / Nyunai Fault Model: Inundation Depth)

5.0m - 9.9m	0.5m - 0.9m
3.0m - 4.9m	0.3m - 0.4m
1.0m - 2.9m	Less than 0.3m

Landslide (Special) Hazardous Area
- Special Hazardous Area (Debris Flow/Collapse of Steep Slopping Land)
- Hazardous Area (Mudslides/Collapse of Steep Slopping Land/Landslide)

Nyunai Fault Model (Inland Earthquakes with a Shallow Focus) 3



Setoshi

Time Until the Initial Effects of a Tsunami	10 minutes
Time Until the Arrival of the First Wave	1 hour 46 minutes
Time Until the Arrival of the Biggest Wave	1 hour 46 minutes
Height of the Tsunami's Crest (the first wave is the tallest)	4.6m

Nishitazawa

Time Until the Initial Effects of a Tsunami	11 minutes
Time Until the Arrival of the First Wave	1 hour 46 minutes
Time Until the Arrival of the Biggest Wave	1 hour 46 minutes
Height of the Tsunami's Crest (the first wave is the tallest)	4.4m

Setoshi

Time Until the Initial Effects of a Tsunami	0 minutes
Time Until the Arrival of the First Wave	5 minutes
Time Until the Arrival of the Biggest Wave	5 minutes
Height of the Tsunami's Crest (the first wave is the tallest)	1.9m

Nishitazawa

Time Until the Initial Effects of a Tsunami	0 minutes
Time Until the Arrival of the First Wave	4 minutes
Time Until the Arrival of the Biggest Wave	4 minutes
Height of the Tsunami's Crest (the first wave is the tallest)	1.8m

Permission for use obtained from the director of the Geospatial Information Authority of Japan, in accordance with the Survey Act R3JHs736