



# Naval Air Facility Misawa



## Family Emergency Preparedness Brief

20 January 2011

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MA1 Clark



# Natural Disasters



- **Tonight the discussion will be primarily focused on natural disasters that could impact the local area.**
  - **Volcanoes**
  - **Tsunamis**
  - **Typhoons**
  - **Earthquakes**
- **However, the steps we will cover to prepare and respond to a natural disaster would be just as relevant in the less likely event of a terrorist attack or regional hostilities.**



# Volcanoes



- We have 7 active volcanoes within the tri-prefecture area.
- Recent volcanic activity: Akan, Hokkaido, Japan 2006; Kirishima, Japan 2010.
- The most serious volcanic threat in Misawa would be ash fall.
- Cover parked vehicles if given adequate warning. Don't drive or run your engine during ash fall.
- If possible remain inside. If you have to go outside, protect yourself by being completely covered (i.e. goggles, long sleeves, damp cloth or mask) .

§Iwate-san

§Hachiman Tai

§Towada

§Hakkoda

§Osore-Zan

§Iwaki-san

§Akila-yakeyama



# Tsunami “The Tidal Wave”



- Tsunami is a Japanese word meaning “Harbor wave”
- The most frequent cause of tsunamis is undersea earthquakes.
- Have a planned evacuation route; from your home, school, workplace, or any other low lying area where tsunamis present a risk. Those living east of Route 338 are at greatest risk!
- Recommendation is to get at least 2 miles inland or 100 ft above sea level. If possible, plan a route you can travel on foot in 15 min.



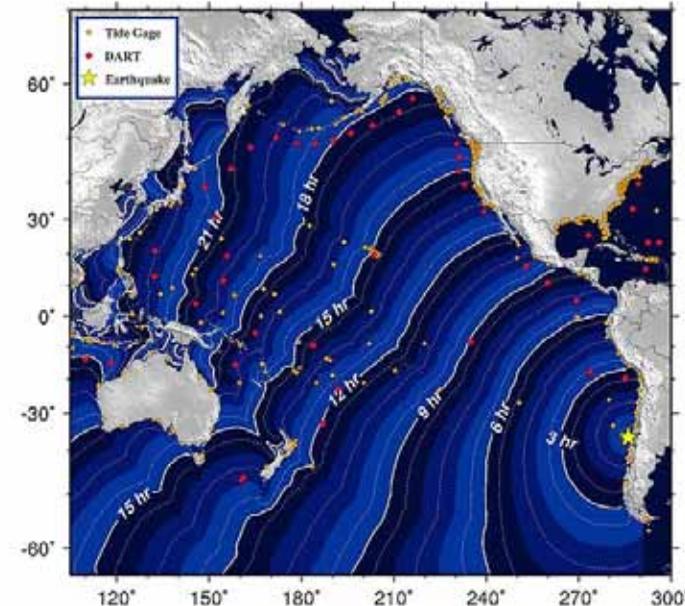
# Tsunami “The Tidal Wave”



- **Recent Event:** On February 27, 2010, an earthquake measuring 8.8 struck the central coast of Chile.
  - Japan Meteorological Agency predicted a tsunami of up to 9 feet along the eastern coastline.
  - Rail service was halted in coastal areas and residents were evacuated from low-lying areas. (In Misawa, this was east of Route 338 for approx 10 hours.)
  - Rooms in the Navy barracks would have been made available for impacted families if evacuation had not been lifted that evening.



Tsunami Travel Times

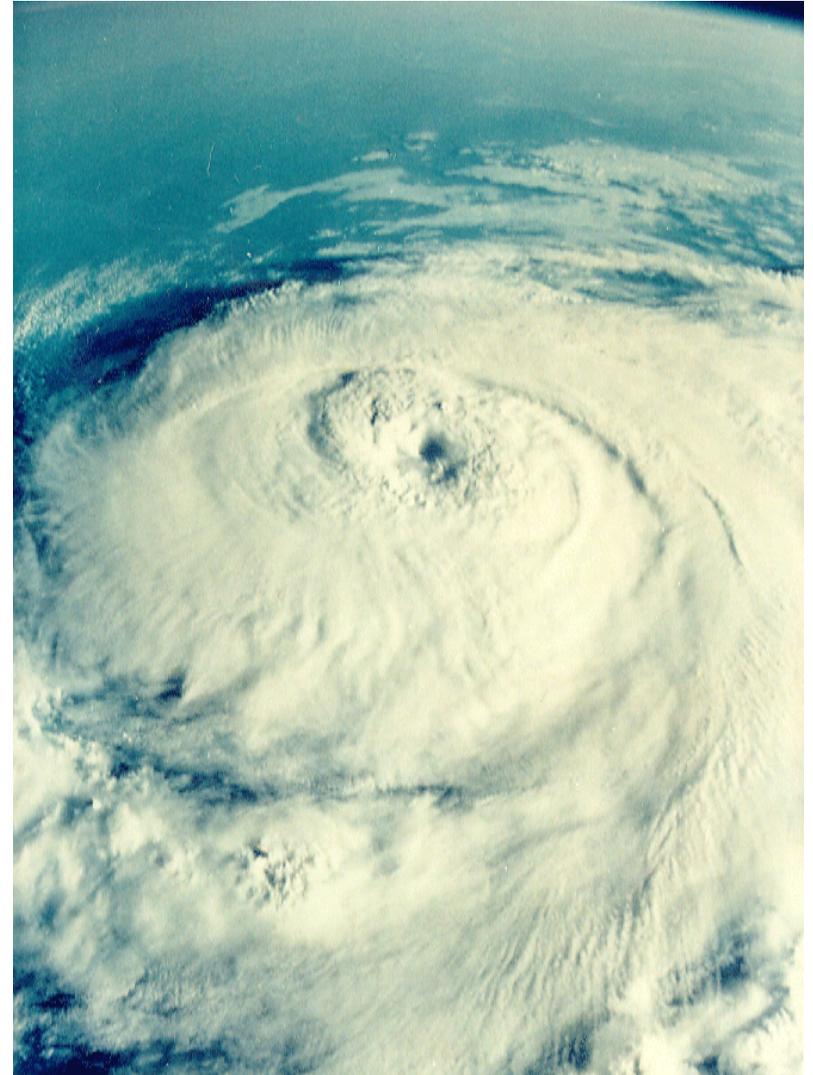




# Typhoon



- Typhoons typically make landfall south of Misawa, resulting in strong wind and rainfall as they pass. However, a more northerly track could result in a direct hit with significant wind damage.
- Tropical Cyclone Conditions of Readiness (TCCOR) will be used when destructive wind speeds of 50 knots or greater are expected.
- Methods of Notification: Commander's Access Channel (CAC), TV, radio (AM 1575), NAF Misawa Facebook Page etc.





# Typhoon



- **Tropical Cyclone Conditions of Readiness (TCCOR)**
  - TCCOR 4 -- 72 Hours
  - TCCOR 3 -- 48 Hours
  - TCCOR 2 -- 24 Hours
  - TCCOR 1 -- 12 Hours
    - **RECOVERY** - Destructive winds of 50 knots are no longer occurring. Actual winds are 34-49 knots
    - **ALL CLEAR** - Hazardous conditions and winds are no longer present. Return to normal duties
    - **STORM WATCH** - The typhoon is moving away but the base is still feeling some effects. Hazardous conditions may exist due to storm damage.



# Typhoon



- **Depending on expected severity, NAF may direct a phone muster in advance of storm to know who we need to account for after the storm.**
- **Ensure your Emergency Kit and important documents are ready to go.**
- **Prepare your home before the storm.**
- **Make sure family members are carrying their identification with them.**
- **Listen to the radio or television for updates.**
- **Turn refrigerator and freezer to maximum cold and keep closed.**
- **Fill the bathtub and other large containers with water.**



# Earthquakes



- **Japan is located in an area where several continental and oceanic plates meet, resulting in a large number of earthquakes every year.**
- **History Of Events:**
  - **January 17, 1995 Kobe Japan experienced a magnitude 6.8 earthquake. Approximately 6,434 people lost their lives, 25,000 injured, 300,000 people were displaced.**
  - **In 2003, a magnitude 8.3 earthquake occurred off the east coast of Hokkaidō. Damage to Misawa Air Base was limited to burst water mains, cosmetic cracks in walls and personal property damage.**

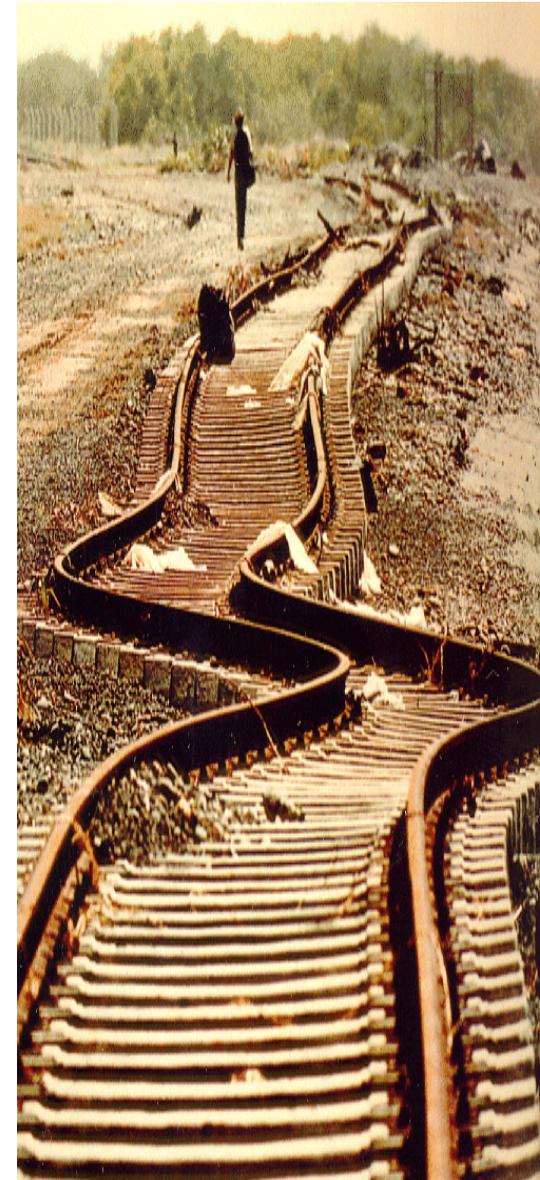




# Earthquakes

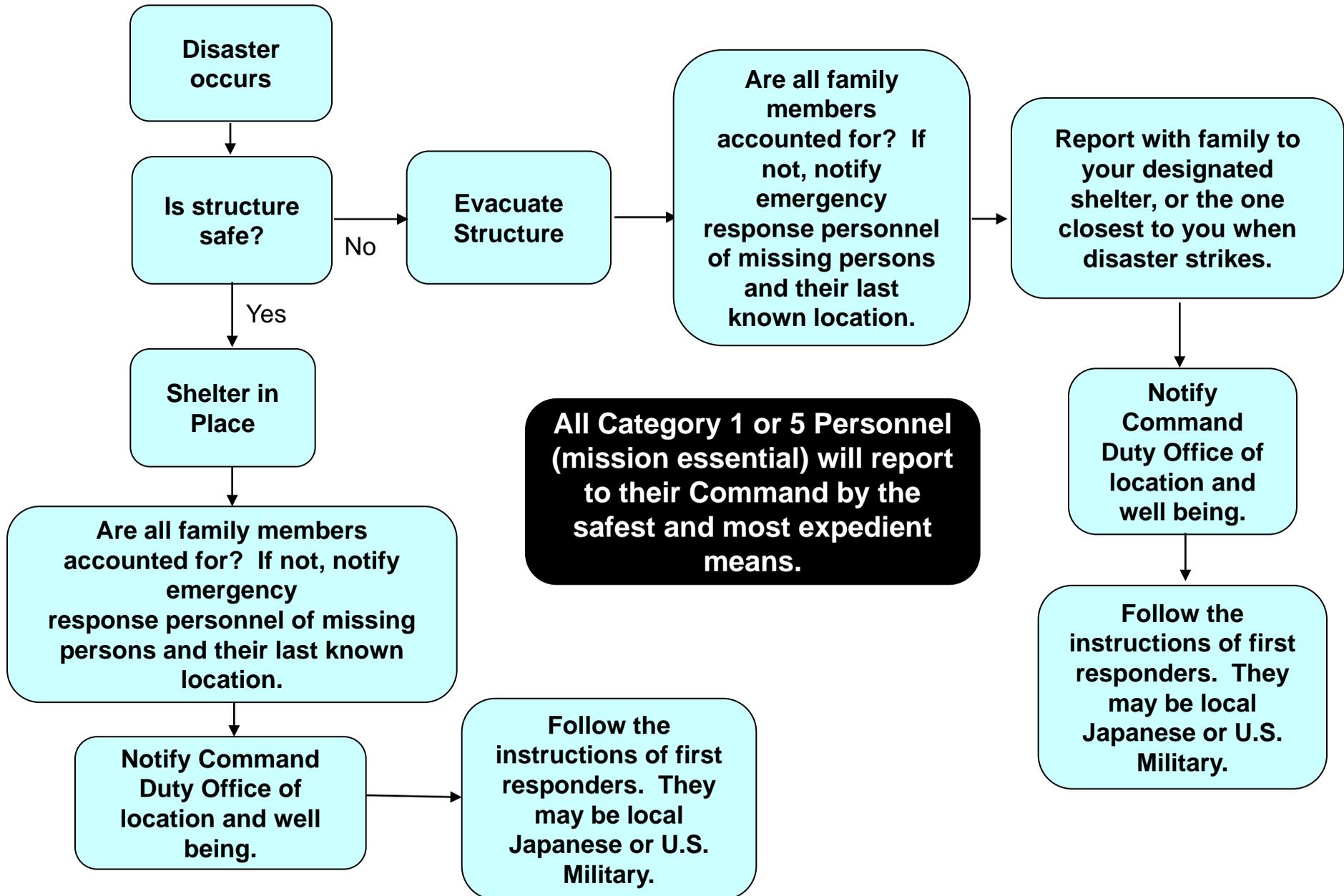


- Misawa ranges anywhere from 10 to 20 earthquakes per year.
- Keys to Surviving:
  - Earthquake proof your home as much as possible.
  - Identify a safe place in your home.
  - Be prepared for after shocks.
  - Practice earthquake drills “Drop, Cover, and Hold On!”
  - Create a Family Emergency Plan.





# Decision Making Matrix





# Shelter in Place



- If **NO** damage to your residence, or ordered to and safe to do so, shelter-in-place (SIP).
- Shelter-in-place consists of taking refuge in an innermost room with little or no windows until the hazard passes. Once notified to SIP, move quickly, follow the directions of your Unit Control Center, Commanders Access Channel, or emergency responders.
- All personnel assigned to Misawa Air Base residing on and off base should develop a Family Emergency Plan for shelter-in-place and Emergency Kits for their homes and families.
- On base SIP locations are identified with the symbols to the right (NGIS, GYM, Etc..)



SHELTER-IN-PLACE ROOM(S) LOCATED
<input type="text"/>
SIP ROOM(S) CAN BE REACHED AT:
<input type="text"/>
THERE ARE <input type="text"/> SIP ROOMS LOCATED IN THIS FACILITY.



# Evacuate to Shelter



- **If there is damage to your home or you are instructed to do so, shut off water, gas and electricity and evacuate to shelter.**
- **If you can get to base without risk to you or your family proceed to BLDG 520 (Navy Barracks) for on base shelter assignment.**
- **If lack of transportation, weather, debris on road, or other difficulties prevent returning to base, proceed to nearest neighborhood shelter facility.**
- **Leave a note telling others when you left and where you are going.**
- **Even though mass care shelters often provide water, food, medicine, and basic sanitary facilities, you should plan to take your emergency supply kit with you.**



# During a Disaster



- Stay informed, listen to AFN TV, RADIO AM 1575
- Stay indoors
- Do not go out until the all clear signal is given or instructed by neighborhood giant voice





# After a Disaster



- **If any family members are not accounted for, contact emergency response personnel and let them know who is missing and their last known location.**
- **Contact your command with your family's current status utilizing any means available. If a Sailor is TAD, family members need to contact the command directly with their status.**
  - **Possible means of communication include cell phone, landline, email, Facebook, Skype, internet chat programs, etc.**
- **If you are a "mission essential" Sailor, once your family is safe, you are expected to return to base if this can be done with reasonable risk. If you are not mission essential you are expected to remain with your family.**



# After a Disaster



- **Stay tuned to AM 1575 base radio or television Commander Access Channel 13, 14, or 15 for further information and instructions.**
- **If unable to tune into radio or television, keep quiet, listen for notifications:**
  - **A voice announcing system using exterior (“Giant Voice”) and interior speakers or sirens will alert the public in English and Japanese**
  - **Residential route alerting (messages announced from vehicles with loudspeakers)**
- **Follow instructions of any first responder. They may be Japanese or US Military. There may be safety reasons that are not immediately apparent requiring you to move to a shelter or return to base. Let command know where you have been relocated to as soon as possible.**



# Make A Plan



- **Prepare yourself and your family “Have a Plan”**
  - **Your family may not be together when disaster strikes, so plan what you will do in different situations and plan how you will contact one another.**
- **Blank Family Emergency Plan/Kit handouts.**
- **Family Emergency Plans can also be filled in and downloaded at**  
[http://www.cnic.navy.mil/CNIC\\_HQ\\_Site/WhatWeDo/EmergencyManagement/OperationPreparedness/EPRRPlan/index.htm](http://www.cnic.navy.mil/CNIC_HQ_Site/WhatWeDo/EmergencyManagement/OperationPreparedness/EPRRPlan/index.htm)
- **Keep your plan with your Emergency Kit, along with your command’s points of contact and emergency muster procedures.**
- **Ensure emergency contact information in the plan is current and is the same as on your sponsor’s pg 2.**



# Build A Kit



- You need enough supplies for every family member for at least three days, maybe longer.
- The main items to have in your kit include water, food, and first aid supplies. Depending on your family, you may also need special items for babies, prescription medications, or supplies for your pets.
- You may not be at home when disaster strikes, so make smaller Emergency Kits to keep at work and in your car. Your kit should be easily portable in case you have to evacuate.
  - [http://www.cnic.navy.mil/CNIC\\_HQ\\_Site/WhatWeDo/EmergencyManagement/OperationPreparedness/index.htm](http://www.cnic.navy.mil/CNIC_HQ_Site/WhatWeDo/EmergencyManagement/OperationPreparedness/index.htm) (Operation Prepare)
  - <http://www.ready.gov> (FEMA)



# Know Where To Shelter



- On Base Shelters
  - Bldg 520 Navy Gateway Inn and Suites
  - Main Base Gym
  - Schools
  - Mokuteki and Collocated Club





# Know Where To Shelter



- There are signs in place at each designated shelter saying “*Evacuation Area Information.*” Most shelters are public parks or school yards.
  - Kanji character, “避難場所” means “*Designated Shelters*” .
- Map of off base shelters -  
<https://www.cnmc.navy.mil/Misawa/Departments/EmergencyManagement/index.htm>



# Off Base Mass Care Shelters

- Off Base Mass Care Shelter map is located on the CNIC/Naval Air Facility

**Off Base  
Housing Areas**

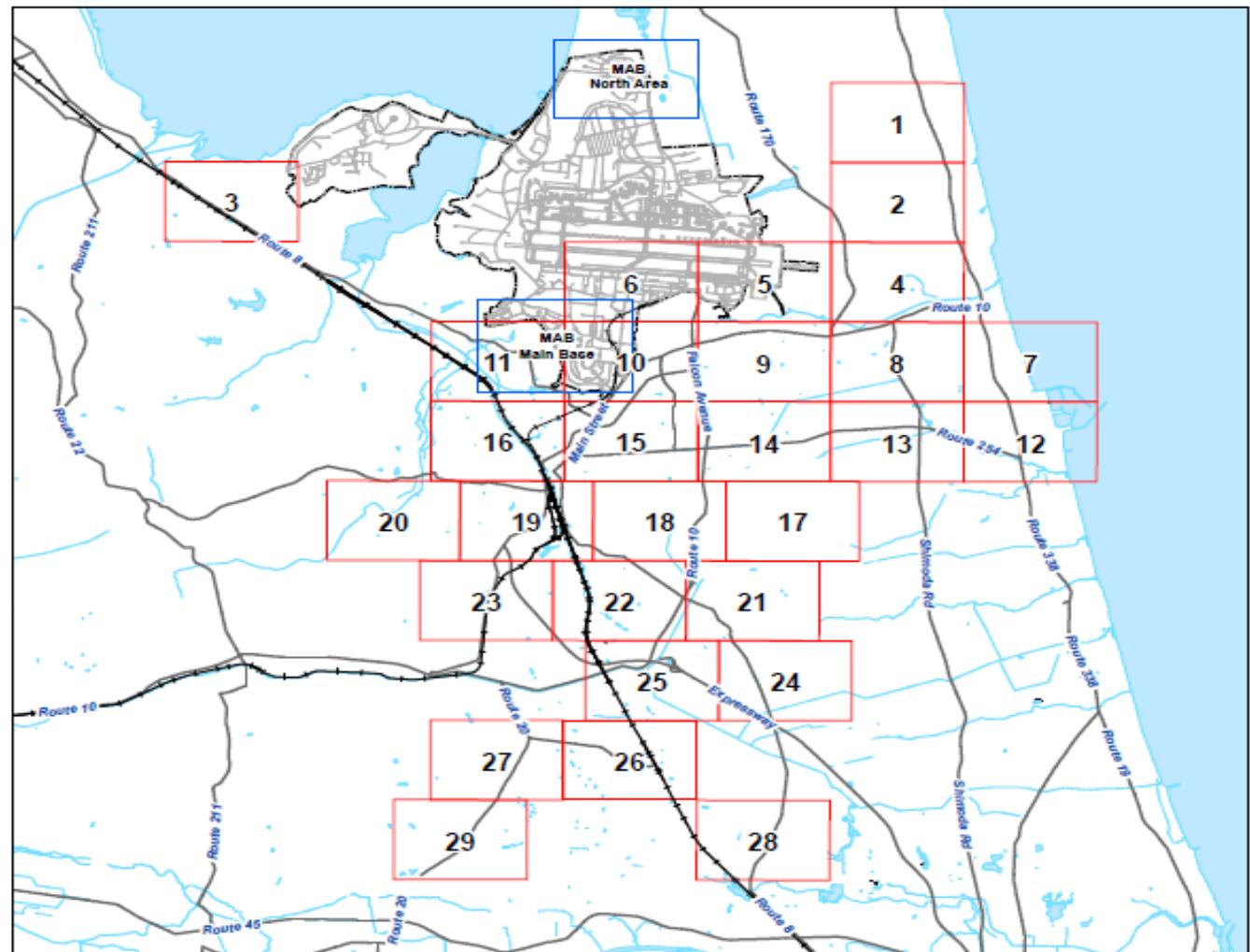
**MISAWA  
AIR BASE  
JAPAN**

**Spring  
2010**

**1" = 450'**

Geo Integration Office  
35th Civil Engineering Squadron  
Misawa Air Base, Japan  
DSN: 226-5003

*"One Installation ... One Map!"*



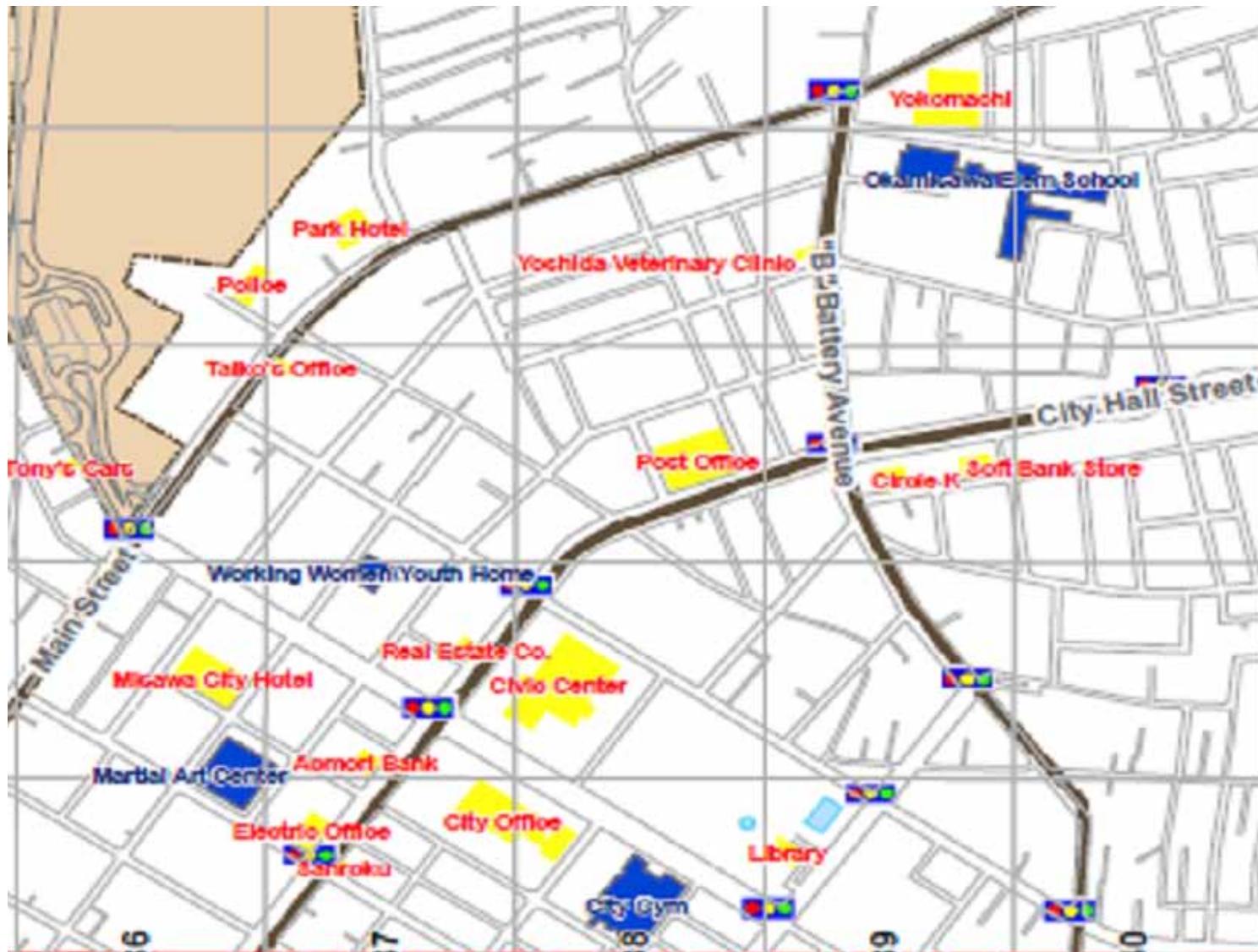
- Landmarks
- Evacuation Shelters



# Off Base Mass Care Shelters



- Off Base Mass Care Shelters will be blue, landmarks yellow.





# Points Of Contact

- **NAFM Emergency Management:** DSN 226-2809 off base 0176-77- 226-2809 (DCC Foltz or DC1 DuBois)
- **NAFM CDO:** 09073249488
- **NAFM ADMIN:** DSN 226-3811 off base 0176-77-3811
- **NAFM Security:** DSN 226-4415 off base 0176-77-4415
- **AF Security Force Squadron:** on base 911 off base 0176-53-1911
- **Japanese emergency services - 119** (English operators available)
- **Internet:**
  - **Facebook** <http://www.facebook.com/NAFMisawa>





# Additional Information



- Where to find additional information:
  - NAFM Official homepage:  
[www.cnmc.navy.mil/misawa](http://www.cnmc.navy.mil/misawa)
  - Commander, Navy Installations Command: See *Operation Prepare* at [www.cnmc.navy.mil](http://www.cnmc.navy.mil)
  - Naval Services Family Line: Click on *Are You Ready* at [www.lifelines.navy.mil/familyline](http://www.lifelines.navy.mil/familyline)
  - American Red Cross: Click on *Get Prepared* at [www.redcross.org](http://www.redcross.org)
  - Dept. of Homeland Security: Click on *Ready America* then *Make a Plan* at [www.ready.gov](http://www.ready.gov)
  - FEMA: Click on *Plan Ahead* at [www.fema.gov](http://www.fema.gov)



**QUESTIONS?**