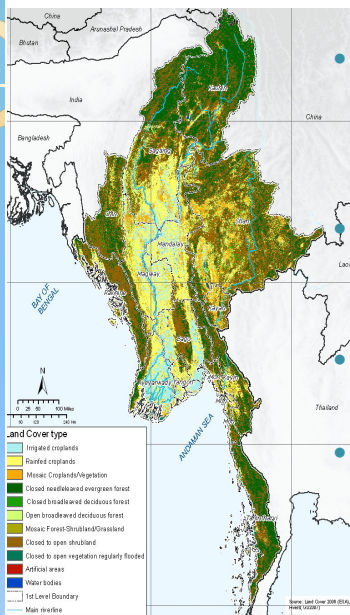




Myanmar Responses to Natural Disasters

Presented by
Mr.Than Htut Swe,
Director
Relief and Resettlement Department
Republic of Union of Myanmar

Myanmar Profile



- The 2nd largest country in ASEAN with total area of 261,228 sq miles.

Neighboring countries: China, Laos, Thailand, Bangladesh, India.

- More than 100 national races.

- Population – 59.13 millions

Myanmar Hazard Profile

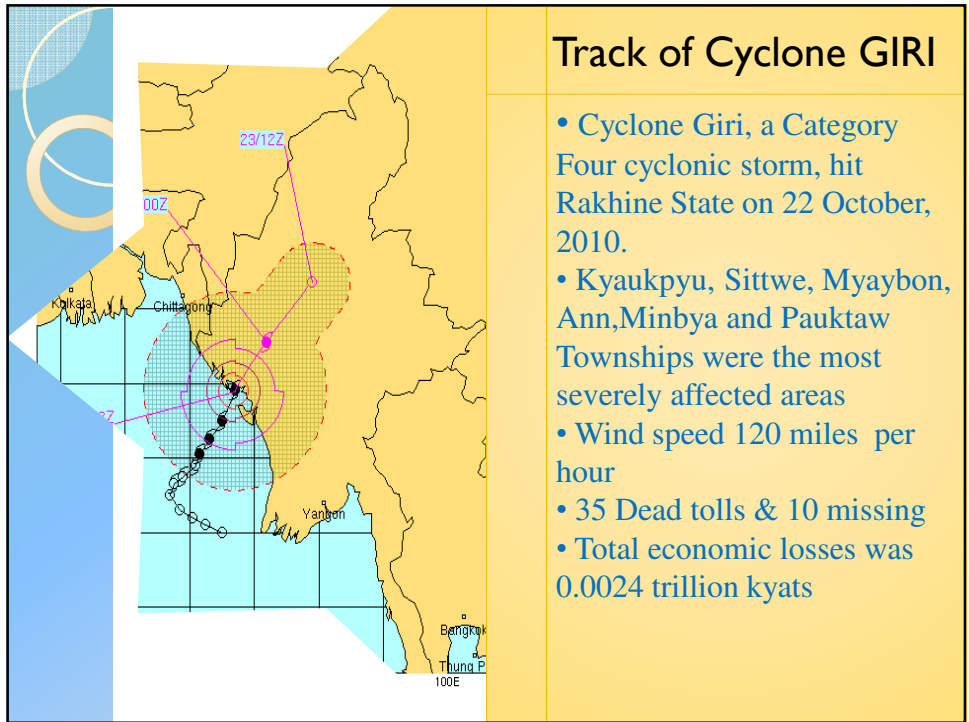
Myanmar is prone to Nine Type of Natural Disasters including:

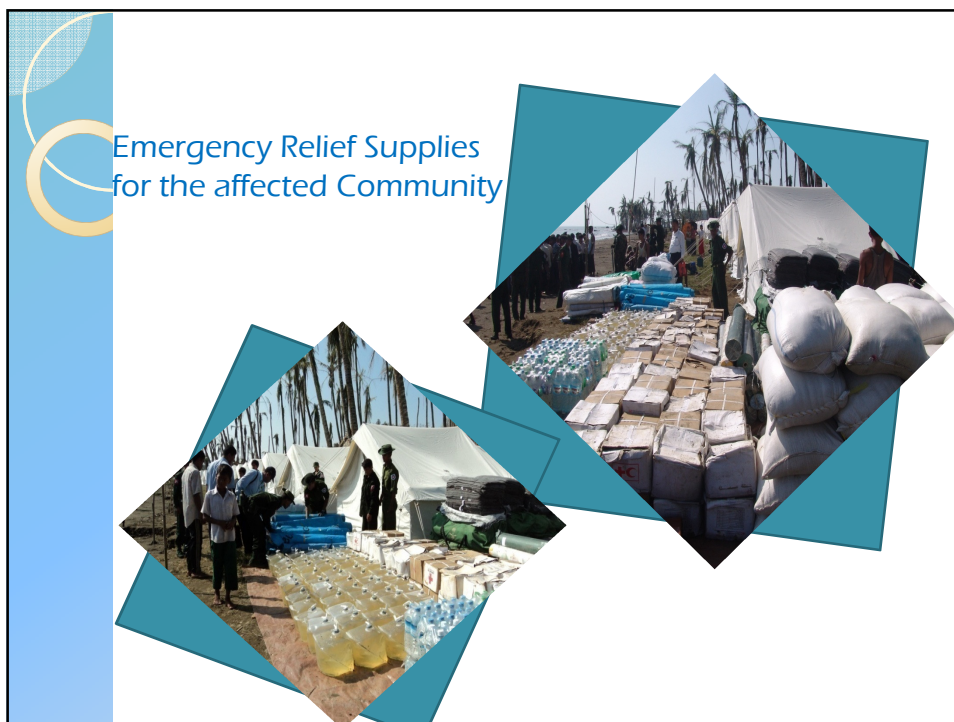
- *Fire
- *Forest Fire
- *Drought
- *Cyclone
- *Storm surge
- *Tsunami
- *Earthquake
- *Flood
- *Landslide

Track of Cyclone Nargis
Remark: Nargis is the most devastating Disaster Experience to Myanmar





THE IMPACTS OF NARGIS	
❖ SEVERELY AFFECTED	2.4 MILLIONS
❖ DEATH TOLLS	84,537
❖ MISSING	53,836
❖ SCHOOLS	3,912
❖ HEALTH FACILITIES	630
❖ HOUSE	800,000
TOTAL LOSSES	11.7 TRILLIONS KYATS





Emergency Cyclone GIRI Responses by MSWRR

No.	Vehicle	Times	Items	Tons
1	Myanmar Air Way	1	Foodstuff and Tarpaulin	8
2	Army Air Force	6		36
3	Private Cargo Ship	2		39,45
4	Naval Ship	2	Construction Materials (rods & cement) /Medicine (By three Land Cruisers)	518
Total				4,507

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Cyclone Hit Victims Reached Under Shelters Within 24 Hours

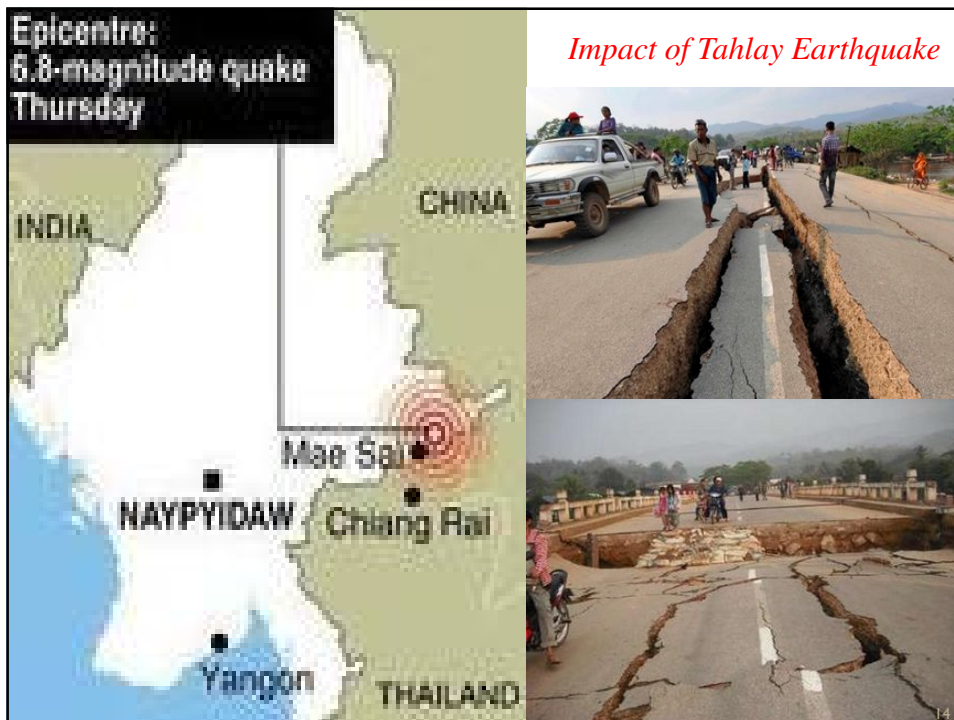


Immediate Repair
of Dam Wall

Why The Impact could be reduced significantly?

- Effective Early Warning System, Public awareness and Preparedness
- Evacuation
- Low Storm surge
- Presence of Natural Barrier like hills and mounds
- Lessons learned from Cyclone Nargis
- Practical application of Standing Order
- Stand-by Arrangement of emergency relief items in RRD's Warehouses

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Impacts of Tahlay Earthquake

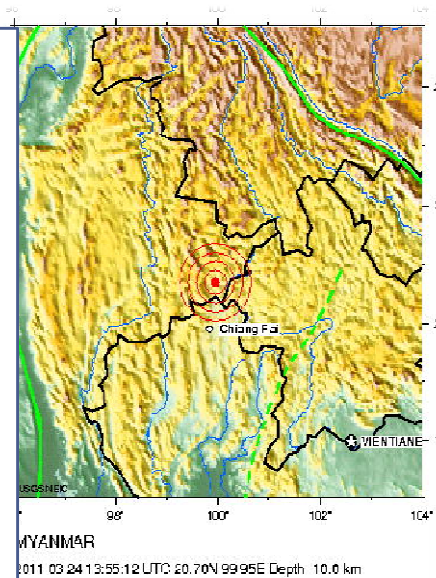
Date of Shake -24-03-2011

Strength - 6.8 Richter Scale(Magnitude)

Affected Areas –near Tachilek Eastern Shan State

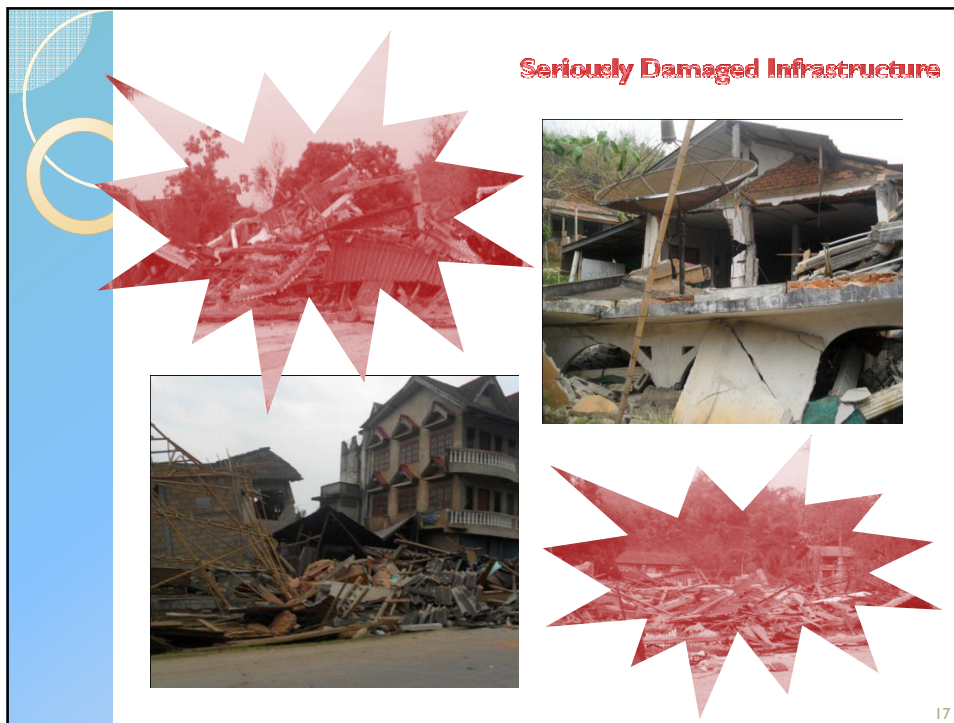
Total Loss of Lives- 75 Persons

Injured - 92 persons



Geographical Background

- Shan Plateau is situated behind the Sagaing Fault, the most active fault in Myanmar
- From Kang Tung to the Boarder, there are three small faults called golden triangle faults directing East- East North to Laos and annual or biannual mild quakes of magnitude 4 or 5 are resulted
- Nanma fault, one of the golden triangle faults under 10 km depth caused shallow quake of 6.8 magnitude and 32 km surface rupture



Losses and Damages posed by Tahlay Earthquake

Sr. No.	Sector	Loss in Million Kyat
1	Houses	1627.5
2	Offices & Industries	367.0
3	Religious Buildings	500.0
4	Roads & Bridges	536.8
Total		3031.3

Emergency Responses to Tahlay Earthquake in Shan State

- ❖ Search and Rescue
- ❖ Emergency Medical Care
- ❖ Emergency Food and Water Supply
- ❖ Shelter Provision
- ❖ Household Utensil Supply
- ❖ Cleaning the Debris
- ❖ Rehabilitation (Physical & Psychosocial)

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**Cash Assistance and Encouragement
to the Tahlay Earthquake hit Patients
by
Vice President (I)
Dr. Sai Mauk Kham and Authorities**



Relief Aids Dispatched by MSWRR through Air force and Vehicles

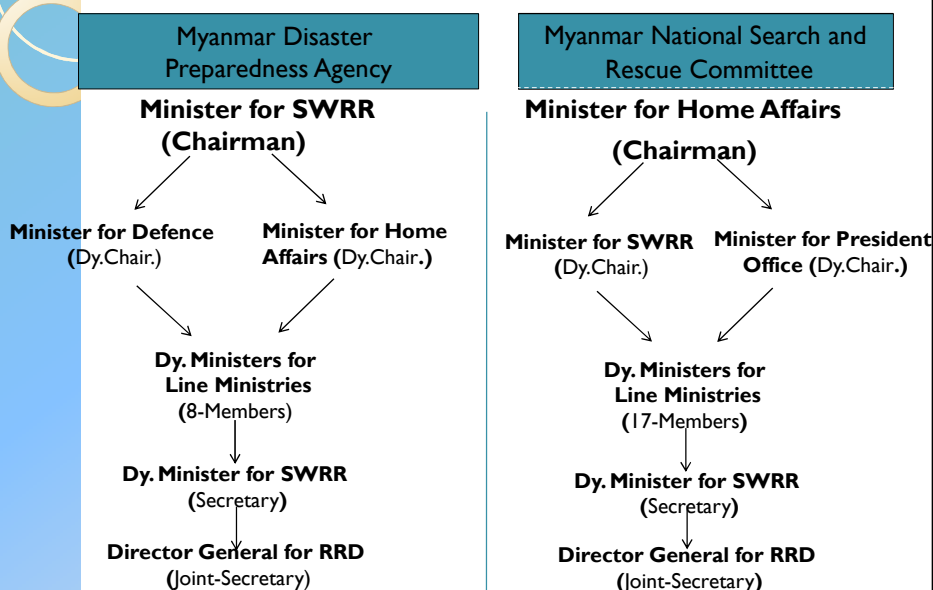
Foodstuff	-	5.43 Tons
Shelter	-	246.50 Tons
Personal Items	-	4.01 Tons

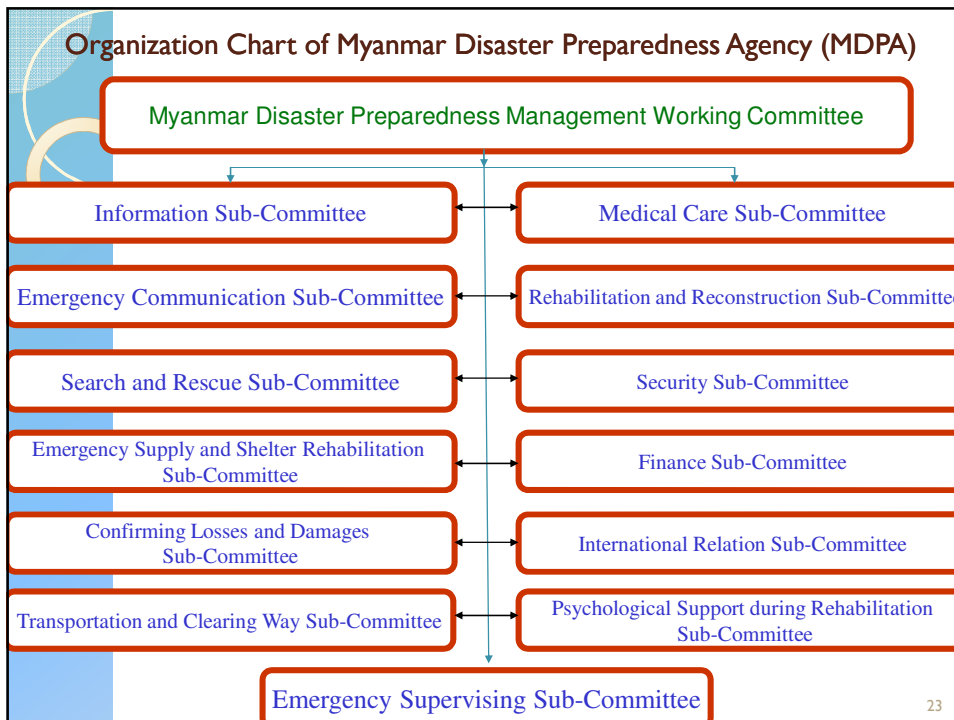
Total **255.94 Tons**

These aids were sent by Forty Army Vehicles and (Y-8) Air Force Five times

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Newly Constituted Organizations for Disaster Management in Myanmar





Legal Basis

- In order to reduce the impacts of future disaster, Myanmar Action Plan on Disaster Risk Reduction (MAPDRR) (2009-2015) has been drawn and implemented
- The promulgation of Standing Order for the efficient Disaster Management
- Township Disaster Preparedness Contingency Plan
- Local NGOs' Contingency Plan

The slide features two document covers. The top one is a purple cover titled 'Standing Order for Myanmar Disaster Management'. The bottom one is a yellow and blue cover titled 'Myanmar Action Plan on Disaster Risk Reduction (MAPDRR) 2009-2015'. The text 'XXXXXX_24' is visible at the bottom right of the slide.

Capacity Building & Public Awareness for the Community

- For the background situation of the country; past and present natural disaster outbreaks; Hazard profile of Myanmar being developed
- Public awareness programmes
 - publishing and distributing of IEC materials, TOTs,
 - Disaster Management Courses at States & Regions , workshops ,
 - Capacity Building for Inter-Departmental Officials
 - Capacity building for local Government officials cooperated with ADRC,
 - Multiplier Courses for local trainings
- Educative Talks on DRR for the local communities



Awareness Raising Activities For the Communities



Conclusion

- Losses of lives could be reduced significantly based on the lessons learnt
- Under the leadership of MDPA, new sub-Committees were organized for more effective mechanism
- Effective relief supplies being distributed to the affected-victims end to end very fast
- Due to the acquired lessons, peoples are highly- aware of preparedness and early warning
- Recovery is ongoing by Stakeholders coordinated with UN Agencies, INGOs, LNGOs and public sectors
- Humanitarian Assistances are being provided for the rehabilitating of the lives of affected communities

Way Forwards

- ❖ Myanmar is striking for coping the challenges to catch up with the motto of “build back better and safer”
- ❖ Actually, it is not a soft way to accomplish the reality of this situation
- ❖ However, we are operating disaster management Mechanism with full strength and Response to Natural Disasters with high momentum



Thank You
For Your Attention!