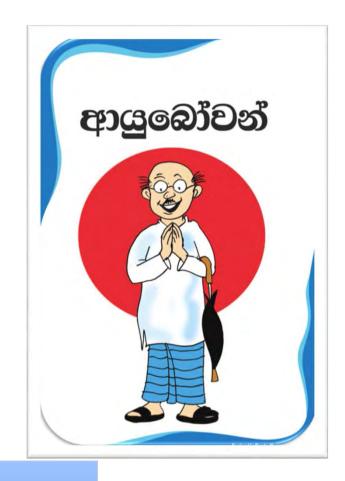




Ayubowan

May You Live Long,,,,,



Our Vision

Safer communities and sustainable development in Sri Lanka .

Our Mission

To create a culture of safety among communities and the nation through systematic management of natural, technological and man-made disaster risks.



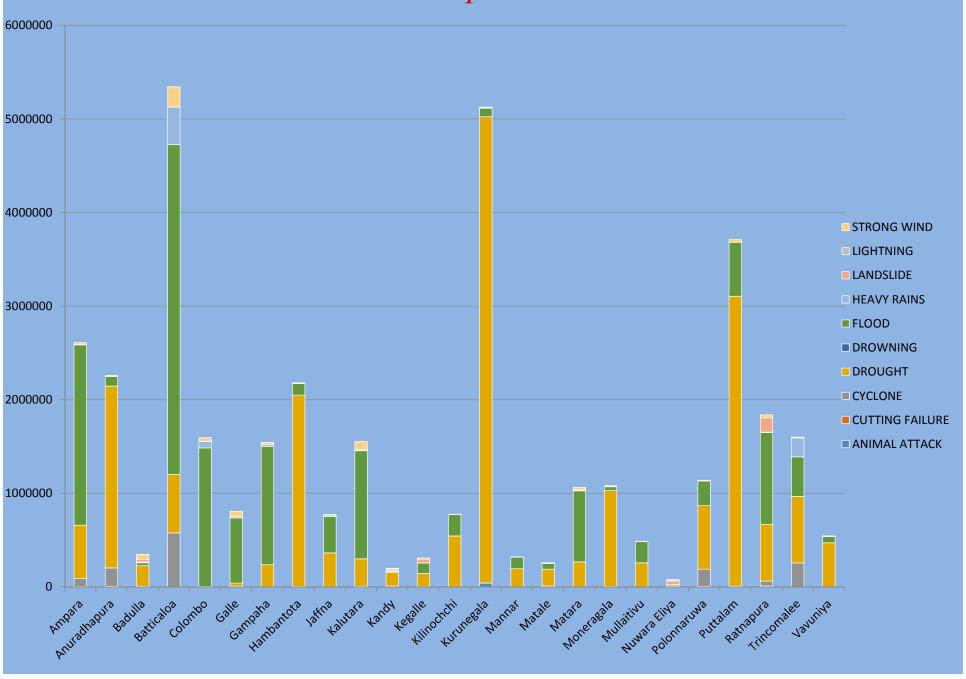


Disaster Management Mechanism in Sri Lanka

Pradeep Kodippili,
MSc (Merit-DAMM) & BSc in Agric (special) Hons
Deputy Director and the Media Sopkesmen
Disaster Management Center
Ministry of Disaster Management

Sri Lanka





Immediate after occurrence of the earth quake in Sumatra on 26th December 2004

- People were deceived due to un awareness.
- 35,000 People died due to unpreparedness
- No any Early warning System before 26th December 2004
- No any trainings for the vulnerable communities.
- No any preparedness for Tsunami.



Indian Ocean Tsunami of 26-12-2004

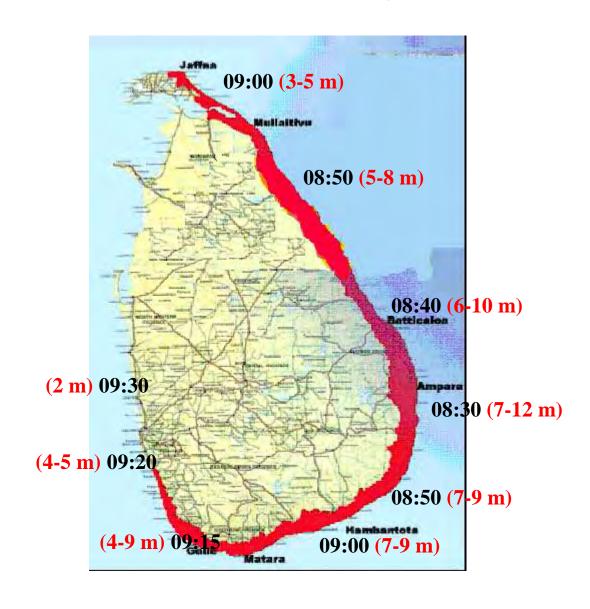
Time of arrival of first wave and estimated max. wave height

No of Deaths - 30, 959

No of Missing - 5, 644

No of Displaced – 500, 669

Note: Earthquake occurred at 06:58 am



Some of the devastations







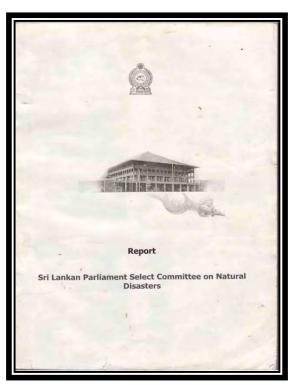






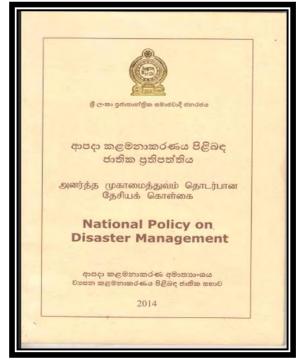






Sri Lankan Parliament Select Committee

DISASTER MANAGEMENT ACT, POLICIES & PLANS





DM ACT on Disaster Management

DM Policy

National Council of Disaster Management in Sri Lanka

- The National Council for Disaster Management (NCDM) is the supreme body for disaster management in Sri Lanka under the *Sri Lanka Disaster Management Act No. 13 of 2005.*
- *H.E. the President* is the Chairperson of the National Council and Hon. Prime Minister is the Vice-Chairman.
- The Leader of the Opposition and the Hon. Ministers in charge of the following subjects are members of the Council: of Relevant ministries
- Chief Ministers of every Provincial Council, five members from the opposition nominated by the Speaker in consultation with the Leader of the Opposition and the Secretary to the Council are also members.

National Council for Disaster Management Structure

National Council for Disaster Management

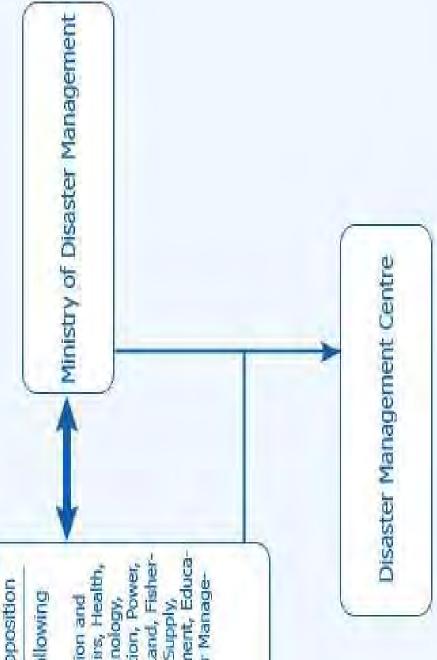
H.E. the President (Chairman) Hon. Prime Minister (Vice Chair) Chief Ministers of the Opposition

Chief Ministers of Provincial Councils

OS Members of the Opposition

Minister's in-charge of following subjects:

Social Services, Rehabilitation and Reconstruction, Home Affairs, Health, Housing, Science and Technology, Imgation, Coast Conservation, Power, Defence, Police, Finance, Land, Fisheries, Foreign Affairs, Water Supply, Highways, Urban Development, Education, Environment, Disaster Management, Industries



TYPES OF DISASTERS

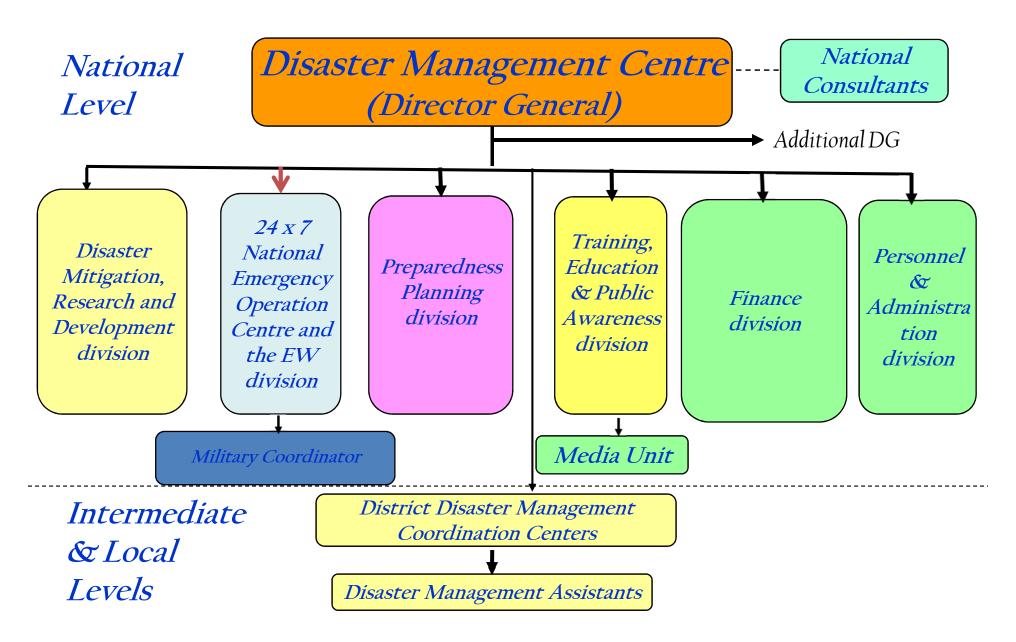
(As per the Act)

- * Landslides
- Cyclones
- Floods
- Droughts
- Industrial Hazards
- ❖ Tsunami (Seismic Wave)
- * Earthquakes
- **❖** Air Hazards
- Marine Hazards
- * Fire
- Epidemics
- * Explosions

- * Air Raids
- Civil or Internal Strife
- Chemical Accidents
- * Radiological Emergency
- ❖ Oil Spills (Inland & Marine)
- Nuclear Disaster
- Urban and Forest Fire
- Coastal Erosion
- Tornadoes, Lightening Strikes and Severe Thunder Storms
- ❖ Animal Attacks
- Dam Breach

Department of Meteorology (HOD - DG) - (Technical Agency)Disaster Management Center Ministry of (HOD - DG)Irrigation, Department of Irrigation (HOD - DG) - (Technical Agency)Water Resources and National Building Research Organization (HOD – DG) (Technical Agency) Disaster Management National Disaster Relief Service Center (HOD – Dir.)

Organizational Structure Disaster Management Centre



Preparedness and Planning

Division

NDMP

SLCDMP

DISTRICT PLANS

DIVISIONAL PLANS

GN PLANS

► HOSPITAL, SCHOOL, PLANS





Guideline & Awareness Materials









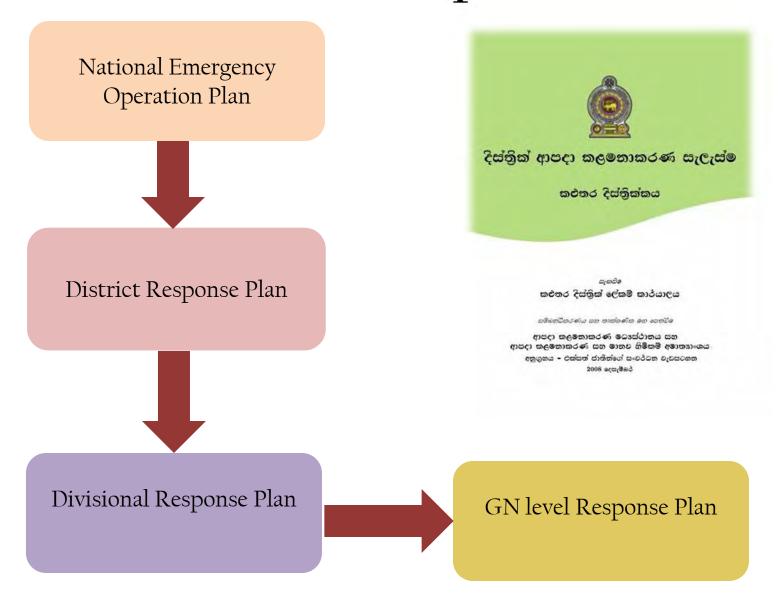








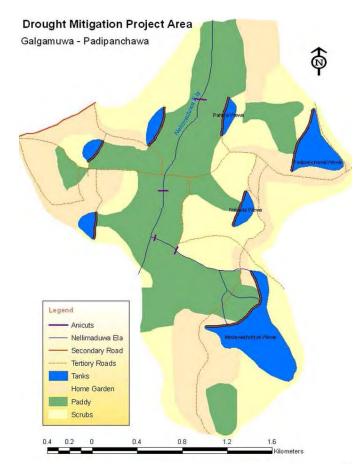
Resources Available for Preparedness and Response





- Hazard Mapping
- Mitigation Activities
- Data



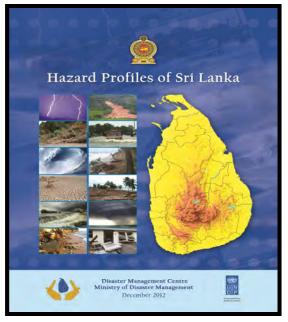




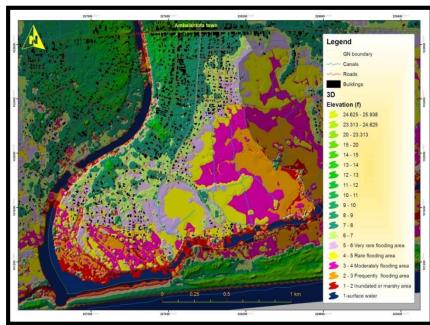




Data & Information for DRM









- Hazard profile information in different scales
- Event based flood images

Resources to Understand Your Risk



Using open sources software DMC has collected and compiled all the available spatial data into web portal. It consist with Hazard profile maps, administrative maps, exposure data etc.

Public Awareness Division

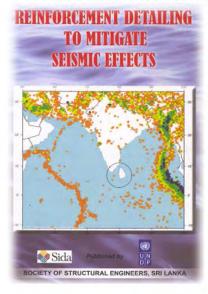
- Awareness to
 - Schools
 - Police
 - Military
 - Communities
 - Health
 - *Etc.*....

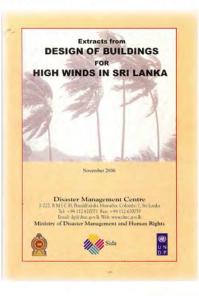


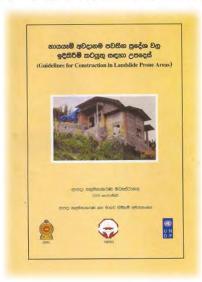


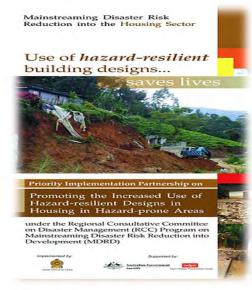


Guideline & Awareness Materials









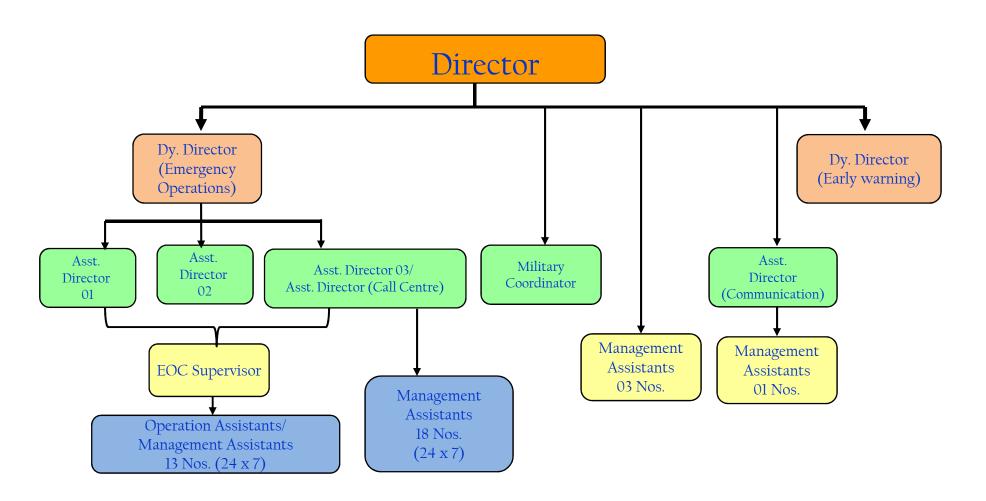




Awareness Materials and Supplementary reading materials for school children

- Hazard Specific
 Building guidelines
 for non Engineered
 Structures are
 available. We have
 already trained
 technical official for
 the resilient
 construction at local
 level
- Type plans for the resilient hospitals and School construction have been completed and submitted to the relevant ministries.

Organizational Structure Emergency Operations Center (24 x 7)



Functions of EOC & Early Warning Division

- Develop SOPs at National and District level
- Operationalize National Emergency Operation Plan
- ❖ Verify & Analyze Information Receiving from Various Local/Intl. Agencies
- **❖** Early Warning ❖ Dissemination of Information to Vulnerable Community
- Coordination of Immediate Relief and Medical Supports
- **&** Coordinate SAR Operations and Evacuation Missions
- * Establishment of Emergency Response Committees
- Coordinate Emergency Resources

Functions of EOC & Early Warning Division continue.....

- ❖ Daily SITREP (3 times a day-0900hrs, 1200hrs and 1800hrs) and SMS
- * Coordinate with Government Agencies, NGOs, INGOs, CBO's and other Stakeholders in an Emergency situations.
- Coordinate with Military, Police, Civil security for Warning and Evacuation
- * Facilitate for the Emergency Declaration
- Coordinate International Emergency SAR Missions and Relief Assistance.

Emergency Response Items for the ground level preparedness (Items provided to Tri Forces, Police and Local Communities)

- Boats and Carrying trailers
- Catamarans
- Chain Saws
- Boots
- Rescue ropes
- Tarpaulins
- *PA* systems
- Hand Sirens
- Rain Gauges

- ► Rescue throw bags
- ► Life saving jackets
- ► Generators
- ► Water pumps
- ► Water bowers
- ► Water tanks
- ► Search lights



EMERGENCY RESPONSE COMMITTEE

- Disaster Management Centre
- Office of the Chief of the Defence Staff
- Sri Lanka Army
- Sri Lanka Navy
- Sri Lanka Air Force
- Sri Lanka Police
- Fire Department
- National Hospital
- Ceylon Electricity Board
- Sri Lanka Telecom Ltd

- Road Development Authority
- Sri Lanka Ports Authority
- Colombo Municipal Council
- Department of Government Information
- Central Environmental Authority
- National Water Supply & Drainage Board
- District Secretariat, Colombo
- Ceylon Petroleum Corporation
- Marine Pollution Prevention Authority



NEOP (National Emergency Operation Plan)

- Before an Emergency
- During the Emergency
- Immediate after the Emergency

Disaster Management Framework National to Local Level

National

- National Disaster Management Coordinating Committee
- Emergency Response Committee

District

• District Disaster Management Committees

<u>Divisional</u>

<u>Divisional Disaster Management Committees</u>

GN

- Village Disaster Management Committee
- Sub Committees at GN Level

Sub Committees at GN Level

- * Early Warning
- Evacuation /SAR
- **❖** *Medical / Health* **ॐ** *first aids*
- Camp Management
- Village Security

Early warnings









Receiving Technical Information from Various Agencies

PTWC (Pacific Tsunami Warning Center

United States Geological Survey

Global Disaster Alert and Coordination Service

INCOIS (Indian National Centre for Océan Information Services

Indonesian Meteorological Services

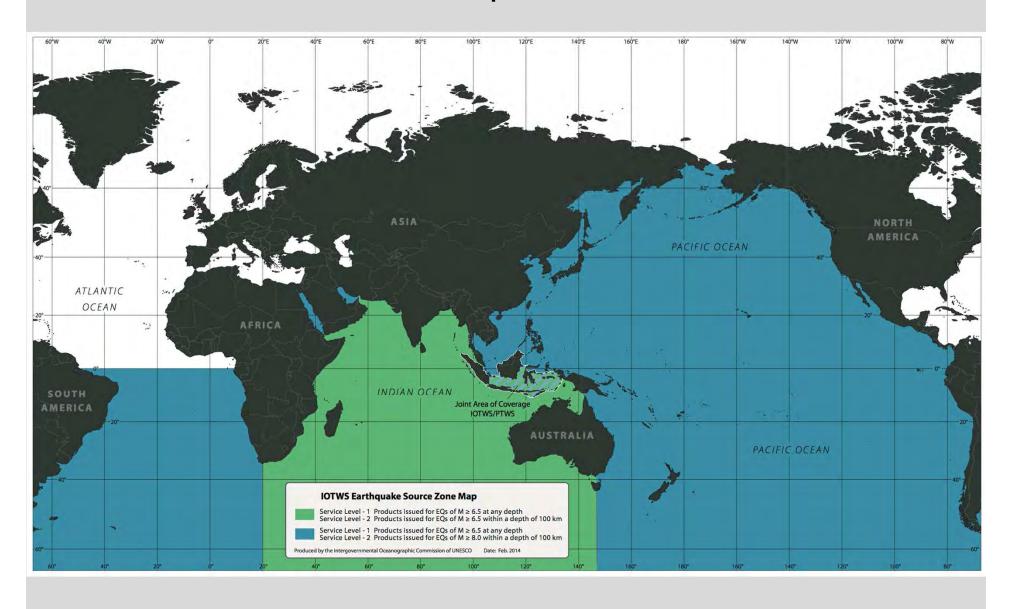
Regional Integrated Multi-Hazard Early Warning Service

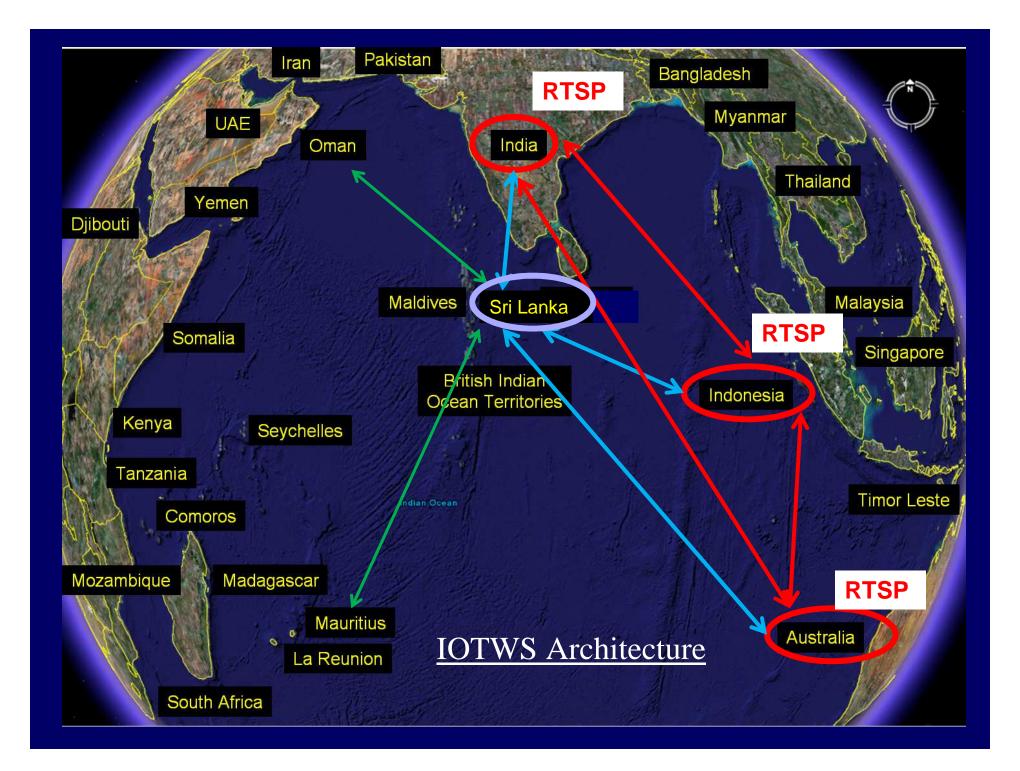
Australian Meteorological Services

Japanese Meteorological Services

EMERGENCY OPERATION CENTER DOM
DOI
GSMB
MEPA
NARA
CCD

IOTWMS Earthquake Source Zones

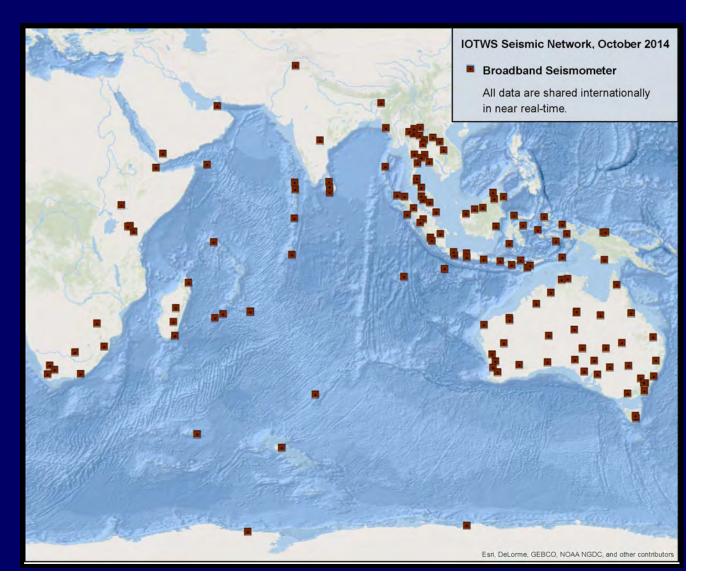




Achievements – Seismic monitoring network

GSMB- Sri Lanka

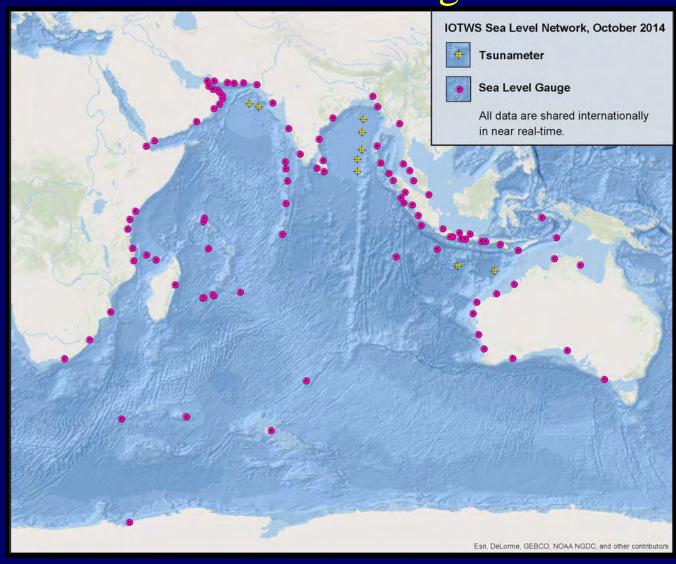
- Mahakandarawa
- Pallekale
- Hakmana



Achievements – Sea level monitoring network

NARRA

- Colombo
- Trincomalee
- Kirinda



National Aquatic Resources Research and Development Agency

24 x 7 National Emergency Operations Centre



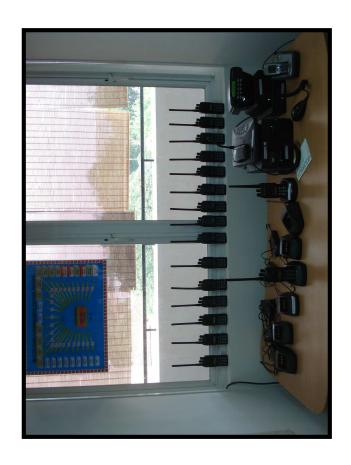














Multi-Hazard Early Warning Dissemination System

Technical Information from International and National Agencies Government Agencies, Critical Agencies & Stakeholders **Police** Radio Comm Media & General SLT/Dialog. Multi-Hazards Early Public **SMS** Out Puts Warning Dissemination Unit Dissemination of **Military** Fax of the DMC Warning Regional & Internet **International** Satellite com **Organizations** Cell Broad. UN System, INGOs, 24 Emergency **NGOs** Police Com Operation Center Military Com Provincial Councils Warning District Secretariats District Disaster Management Committees **Towers** Divisional Secretariats Divisional Disaster Management Committees **DEWN** Local Authorities Media Police Stations Village level DM Committees Hospitals Government Dpt. NGOs, CBOs Speaker Sys. Bells / Sirens Messengers Riders / Cyclers

Methods of Dissemination

National Level

TV Stations Early Warning Unit

Radio Station 24 x 7 Emergency Operations Centre

Early Warning Towers

Police & Military Communication

Cell Broadcast/SMS- 7.5 Million People

Technical Devices

Satellite & Radio Communication (HF & VHF)

Telephones / CDMA/ GSM

District Level

Radio Communication Emergency Operations Centre

■ Telephones / CDMA/ GSM Disaster management Coordinators

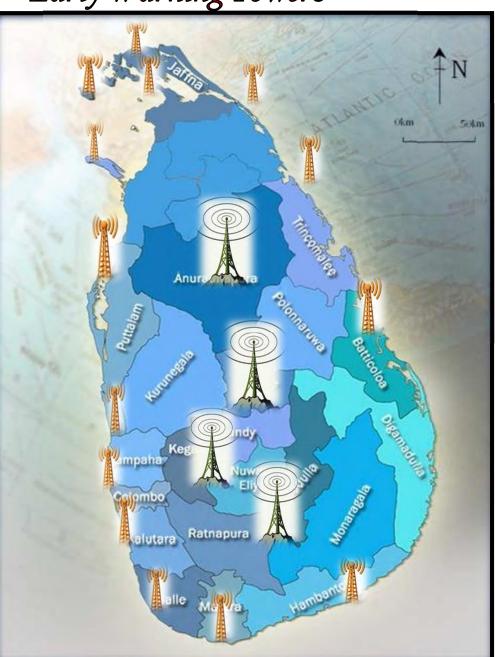
Police & Military Communication

Village Level

- Telephones / CDMA/ GSM Early Warning Sub Committees/Teams
- Police Vehicles Announcements NGOs and CBOs
- PA Systems
- Sirens
- Temple and church bells
- Riders/ Push Bicycle & Motor Cycles/Messengers



Early Warning Towers



77 Early Warning towers



Repeater Stations



EW Towers

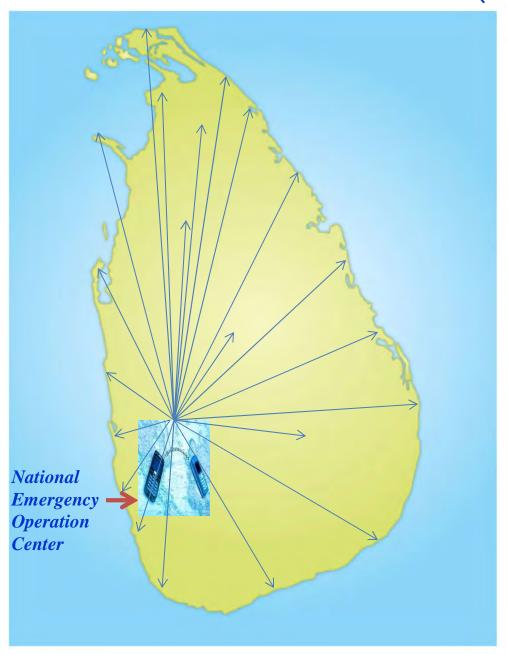
Activated through

- Satellite
- VHF Radio

VIRTUAL PRIVET NETWORK (VPN)



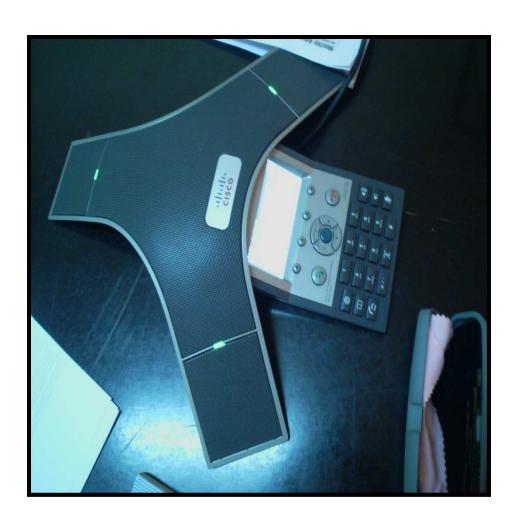








VPN-Telephones







HF and VHF Communication covers

- 25 DDMCu's
- Military and Police









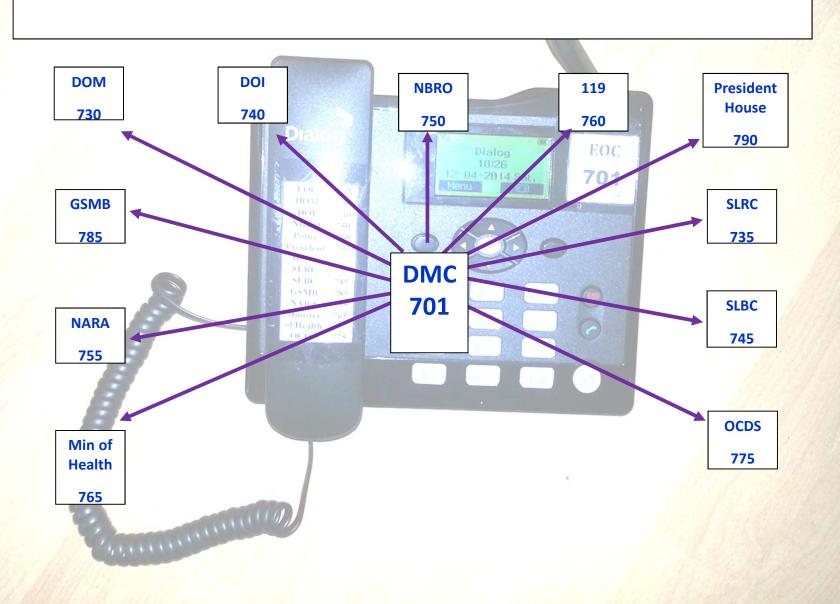






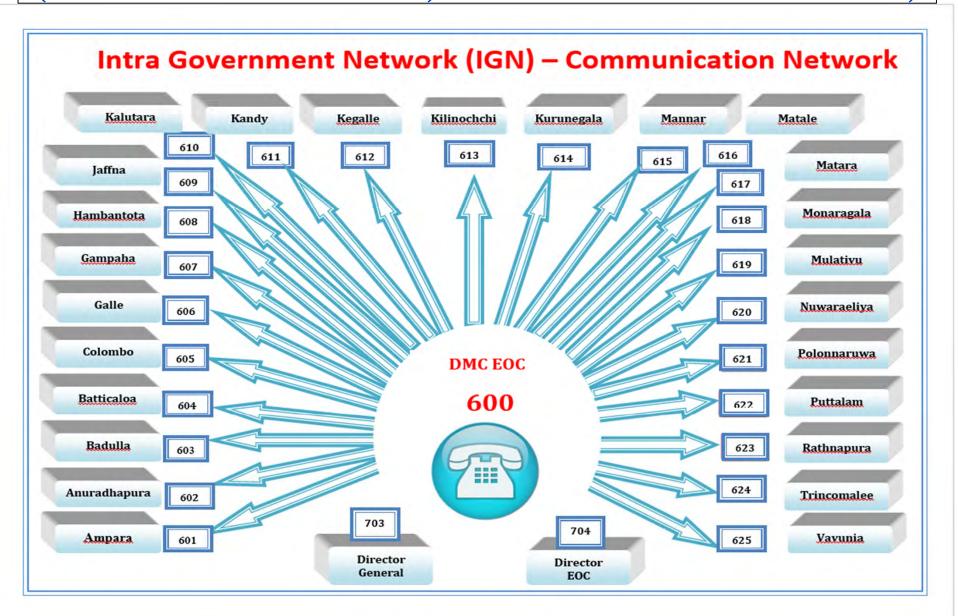


IGN Net Work(Intra Government Network) in between DMC and most important agencies)

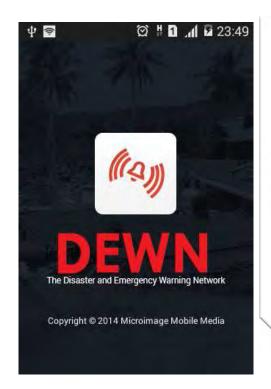


IGN Net Work

(Intra Government Network) in between DMC and 25 Districts)



Disaster Early Warning Network (<u>DEWN</u>)



DEWN TEXT Message

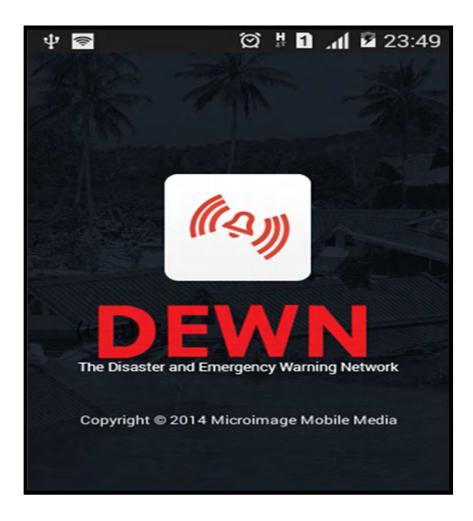




SMS (10,000 SELECTED KEY CONTACTS)

DEWN SYSTEM CELL BROADCAST (12,500,000 PEOPLE)

DEWN application Play Store in the smart phone





Disaster Management Center communicate with All Media channels in 24 x 7 basis for the Early warning sand Immediate Information.





Early warning through Media 24 x 7



Heavy rains, landslides kill five in Sri Lanka Reutes - Am 21 200 Popular in the Community People look at the rough see on a bridge as rainy disadd gather above during the monsoon period in Record loss of the rough see on a proge as rany pouch gather soone during the morescon period in Colombic Birlanda May 21, 2019, REUTERS Conda Université COLOMBO (Reuters) - Heavy monsoon rains in Sri Lanka have killed five people, prompting authorities to warn against landslides and floods in low-lying areas after spill gates had to be opened across the Indian Ocean island. Lightning killed three people, a landslide a fourth, and the fifth death was the result of a fallen tree, said officials at the country's Disaster Management Centre. The centre's spokesman, Pradeep Kodippili, said flooding has forced the evacuation of people in areas where several rivers are overflowing, while four districts are on "red alert" for possible landslides. "People in those four districts have been cautioned to be vigilant," Kodippili told The army has sent more than 100 soldiers with more than 25 boats to tackle the emergency, its spokesman, Sumith Atapattu, told Reuters. May kicks off the monsoon season in Sri Lanka's south, usually the region's wettest time of year, running until September. From November to February, the

Call Centre



24x7 Call center





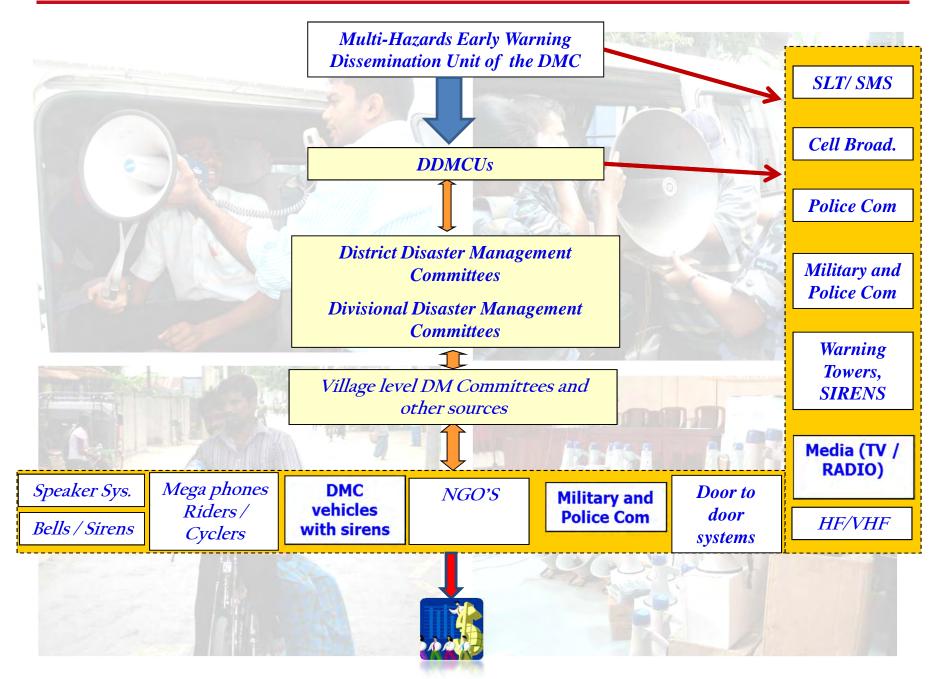




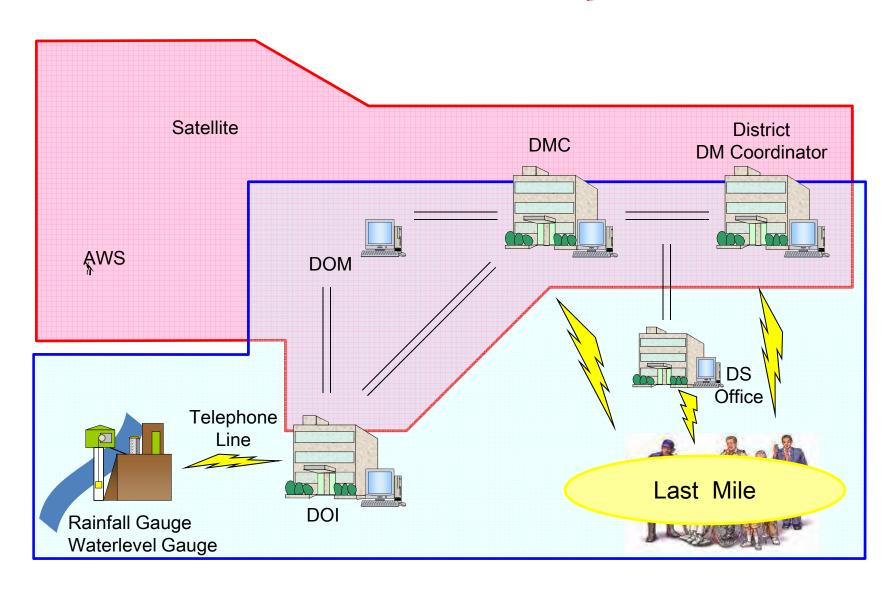
Services through Media and Social Media

- Early warning through media.
 - Immediate or relevant Information.
 - Awareness programs.
 - Press Releases.
 - Press Briefings.

EW Dissemination From District Level to vulnerable communities

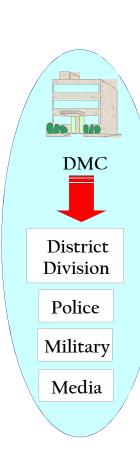


End-to-End EW System



"Last Mile" Dissemination

DMC Community





Handy speaker

TV & Radio





Self Evacuation System as a Local System for the Landslides

Standard threshold limits of the Rainfall

Alert

75 mm/day

Warning

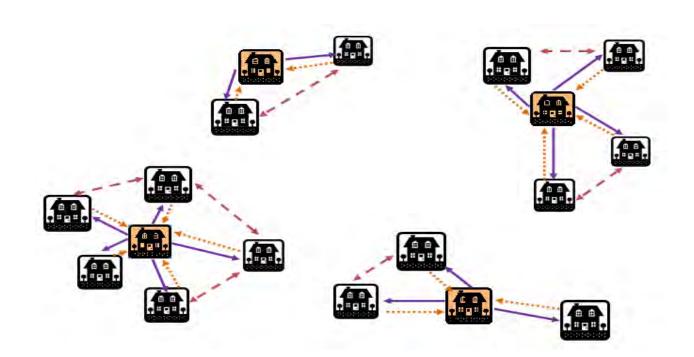
100mm/day level

Evacuation, Off limit 75 mm/hour or 150mm/day



Community Based Early Warning Sysytem with Simple Rain Gauge in vulnerable areas of the Community

- Information from Key House to neighboring house
- Checking with the Key House by neighboring house
- Information sharing paths between neighboring houses



Use of Military, Police and other stakeholders for Warning Dissemination, Response and Evacuation

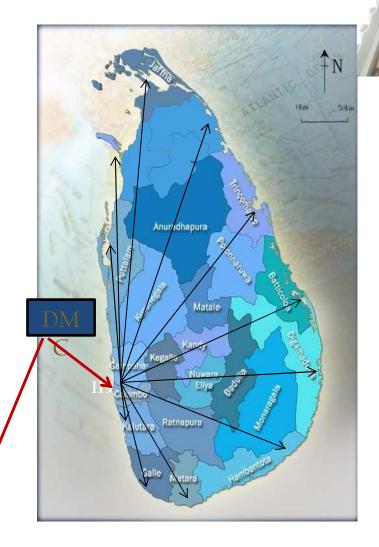








Use of Police
Communication during
Disaster
Warning and
Evacuation



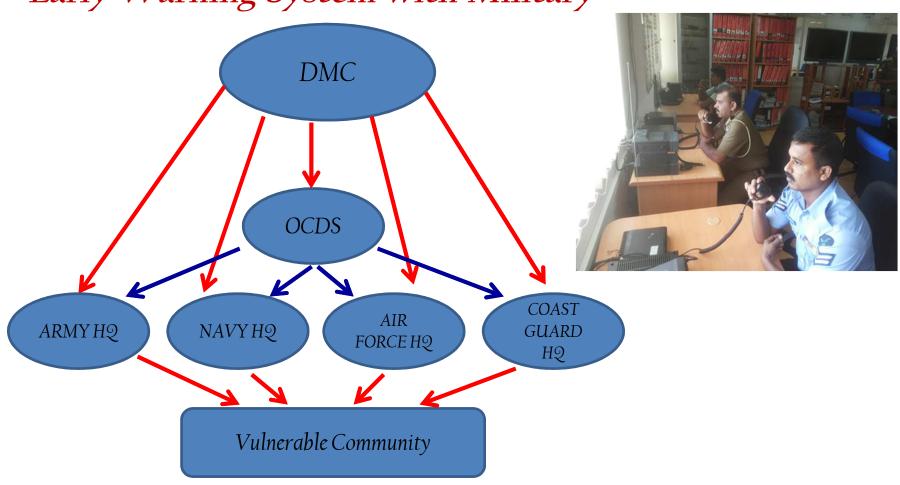
EOC-DMC

119 Mirihana

All Police

Stations

Warning given to Vulnerable Community through all Police Stns Early Warning System with Military



Deployment of Army SAR Teams

DMC facilitation for strengthening of SAR teams



Rapid Response
Rescue
Rescue
Relief Squadron
(4RS)
Teams by NAVY











Deployment of Sri Lanka Coast Guard



Air Support for Disaster Response











Messages from Meteorological Department to DMC

- Weather Forecasts (0530hrs, 1200hrs, 1600hrs)
- Severe weather Advisories for Strong Winds, Cyclones, Storm Surge, Heavy Rain.
- Tsunami warnings (Alerts, Warnings, Withdrawals)
- Other Information Lightening, Heat Information

Daily Weather Forecast

WEATHER FORECAST FOR 02nd OCTOBER 2018 (Issued at 05.30 a.m. on 02nd October 2018)

Due to the low level atmospheric disturbance in the vicinity of Sri Lanka, prevailing showery condition is expected to enhance over the island particularly, in the North-western, Central, Sabaragamuwa, Southern and Uva provinces during next few days.

Showers or thundershowers will occur in the most parts of the island after 2.00p.m.

Heavy falls above 100 mm can be expected at some places in the Central, Uva, Sabaragamuwa, Western, Southern and North-western provinces.

Showers or thundershowers may occur at several places in coastal areas in the morning too.

There may be temporary localized strong winds during thundershowers. General public is kindly requested to take adequate precautions to minimize damages caused by lightning activity.

ම් ලංකාව ආසන්න පහළ වායුගෝලයේ පවතින කැළඹිලි ස්වභාවය හේතුවෙන් දිවයිනේ විශේෂයෙන්, වයඹ, මධාම, සබරමමුව, දකුණ සහ ඌව පළාත්වල දැනට පවතින වැසි තත්ත්වයේ වැඩිවීමක් බලාපොරොත්තු වන අතර මෙම කත්ත්වය ඉදිරි දින කිහිපයේදී තවදුරටත් පවතිනු ඇත.

් දිවයින පුරා බොහෝ පුදේශවල සවස 2.00න් පමණ පසුව වැයි හෝ ගිගුරුම් සහිත වැසි ඇති වේ. මධ්යම, උවේ, සබරගමුව, බස්නාහිර, දකුණ සහ වයඹ පළාත්වල ඇතැම් ස්ථානවලට මි.මී. 100 ව වැඩි තද වැසි ඇති විය හැක.

වෙරළබඩ පුදේශවල තැනින් තැන උදෑසන කාලයේදීත් වැසි හෝ ගිගුරුම් සහිත වැසි ඇති විය හැක.

ගිගුරුම් සහිත වැසි ඇති වන විට එම පුදේශවල තාවකාලිකව තද සුළං ඇති විය හැක. අකුණු මඟින් සිදුවන අනතුරු අවම කර ගැනීමට අවශා පියවර ගන්නා ලෙස ජනතාවගෙන් කාරුණිකව ඉල්ලා සිටිනු ලැබේ.

WEATHER FORECAST FOR SEA AREAS AROUND THE ISLAND DURING NEXT 24 HOURS (Issued at 05.30 a.m. on 02nd October 2018)

Heavy showers can be expected in the sea area extending from Matara to Pottuvil via Hambanthota and in the sea area extending from Puttalam to Negombo.

Showers or thundershowers will occur at several places in the other sea areas around the island in the evening or night.

Winds will be variable in direction in the sea areas around the island and wind speed will be 15-20 kmph.

Temporarily strong gusty winds and rough seas can be expected during thundershowers.

ඉදිරි පැය 24 සඳහා දිවයින වටා ඇති මුහුදේ කාලගුණ තත්ත්වය 2018 ඔක්තෝබර් මස 02 දින උදාසන 05.30 ට නිකුත් කරන ලදි.

මාතර සිට හම්බන්තොට හරහා පොතුවීල් දක්වා සහ පුත්තලම සිට මීගමුව දක්වා වන මුහුදු පුදේශවල කද වැසි ද ඇති වීය හැක

දිවයින වටා වන සෙසු මුහුදු පුදේශවල සවස් කාලයේදී හෝ රාතුී කාලයේදී තැනින් තැන වැසි හෝ ගිගුරුම සහිත වැසි ඇති වේ.

දිවයින වටා වන මුහුදු පුදේශවල සුළං නිශ්චිත දිශාවකින් 'තොරව හමන අතර සුළගේ වේගය පැ.කී.මී. 15-20 පමණ වේ.

ගිගුරුම සහිත වැසි ඇති වන විට එම පුදේශවල තාවකාලිකව තද සුළං ඇති විය හැකි අතර එවිට එම මුහුදු පුදේශ තාවකාලිකව රඑ විය හැක.

s. 2016.

කාලගුණ විදහාඥ (Duty Meteorologist), කාලගුණ විදහා දෙපාර්තමේන්තුව (Department of Meteorology) KECEIVED

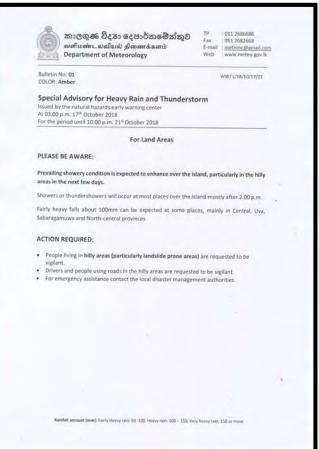
Time: 05:45 AM

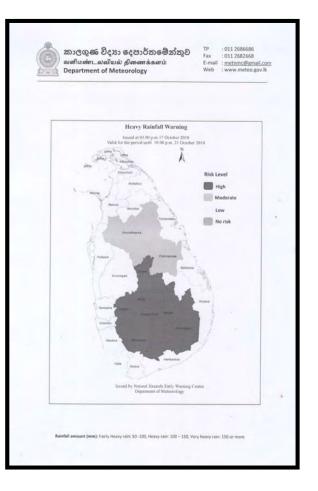
D (000)/DO/ADO

DISASTER MANAGEMENT CENTRE

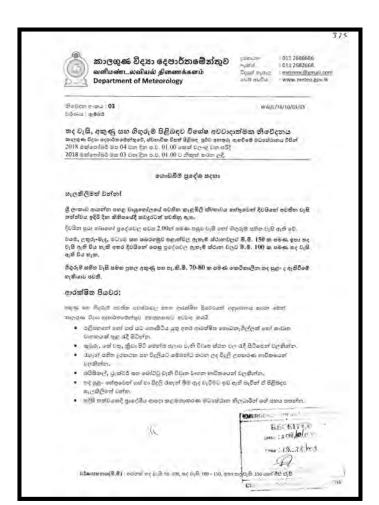
Special Advisory







Special Advisory





කාලගුණ විදන දෙපාර්තමේන්තුව வளிமண்டலவியல் திணைக்களம்

Department of Meteorology

011 2682668 E-mail .metomc@gmail.com

COLOR: Amber

WW/1/18/10/03/03

Special Advisory for Heavy Rain and Thunderstorm

Issued by the natural hazards early warning center At 01.00 p.m. 03rd October 2018. For the period until 01.00 p.m. 04th October 2018

For Land Areas

PLEASE BE AWARE:

Due to the low level atmospheric disturbance in the vicinity of Sri Lanka, prevailing showery condition is expected to continue over the island during next few days.

Showers or thundershowers will occur in the most parts of the Island after 2,00 p.m.

Very heavy falls about 150 mm can be expected at some places in the North-western, North-Central, Central and Sabaragamuwa provinces. Heavy falls about 100 mm can be expected at some places elsewhere in the island.

Severe lightning and temporarily strong gusty winds up to 70-80 kmph are also possible during thundershowers.

ACTION REQUIRED:

The Department of Meteorology advises that people should follow instructions below

- . Seek shelter, preferably indoors, covered vehicles and never under trees.
- · Avoid open areas such as paddy field), tea plantations and open water bodies during
- Avoid using wired telephones and connected electric appliances during thunderstorms.
- Avoid using open vehicles, such as bicycles, tractors and boats etc.
- . Beware of fallen trees and power lines.
- · For emergency assistance contact the local disaster management authorities.



handid amount (mm): Fairly-tracey core No. LTD, Morey store 100 = 150. Very filmsy sate: 450 or more

Tsunami warnings



ජාතික සූනාමි පූර්ව අනතුරු ඇතවීමේ මධ්යස්ථානය நைகுருக் වீடிய செயர்வலேஸ்டிப் வளிமண்டுலவியல் திணைக்களத்தின் தேசிய சுனாமி முன்னெச்சரிக்கை மையத்தினால் வழங்கப்பட்டது NATIONAL TSUNAMI EARLY WARNING CENTER-DEPARTMENT OF METEOROLOGY

"P : 011 1558586, Fax : 011 2582668, E-mail: metninc@gmail.com, Web: www.meteo.gov.lk

සූනාම් අවදානම සම්බන්ධ නිවේදනය சுனாழி எச்சரிக்கை அறிக்கை TSUNAMI ALERT BULLETIN

Bulleti No . 2

මෙම පුහලත්වයෙන් යුතු භු වලනයකින් සයුර සිසාරා සුනාමියක් හටගැනීමේ හැකියාවක් පවතින බැවින් <u>ශී</u> ලංකාවේ වේරළමුඩ පුදේශ වල සහ ඒ සුසුන්තයේ ජීවත් වන ජනතාව මේ පිළිබඳ වීමසිල්ලෙන් සිටින ලෙසට උපදෙස් දෙන අතර ආරක්ෂිත ස්ථාන කරා ඉවත්වීමට සුදානම් වන ලෙස අවවාද කරනු ලැබේ.

ුළ විළිබද නවතම් නොරතුරු සියළු මාධා මහින් ජනතාව වෙත නිවේදනය කරනු ලැබේ.

ுந்துட்டுள்ள அளவிலான பூகம்பத்தினால் சுனாமி ஏற்படக்கூடிய வாய்புள்ளதனால், கடர்கரைபோரப்பகுதிகளிலில் வாழ்கின்றவர்களும் அதனை அண்டித்துவாழ்கின்ற மக்களும் ு சுகாப்பான இடங்களுக்கு செல்ல ஆயுத்தமாக இருக்குமாறு வேண்டுக்றோம். அத்துடன் இதனை ்ர்ரி பகிய குகவல் கிடைக்கவுடன் கூடிய சீக்கிரம் ஊடகங்களின் மூலம் பொதுமக்களுக்கு சுரிவிப்பதாகவும் தெரிவுபடுத்துகிறோம்.

Earthquakes of this size have potential to generate ocean-wide tsunamis. Therefore those living near and along the coast around the island are advised to be ready to evacuate to safe places at any time.

As and when new information becomes available, they will be publicized through media to the public.

Duty Meteorologist, National Tsunami Early Warning Center, Department of Meteorology Bauddahaloka Mawatha, Colombo-07.





ජාතික සුනාම් පූර්ව අනතුරු ඇතවීමේ මධාෘස්ථානය வளிமண்டலவியல் திணைக்களத்தின் தேசிய கனாமி முன்னச்சரிக்கை மையத்தினால் வழங்கப்பட்டது NATIONAL TSUNAMI EARLY WARNING CENTER-DEPARTMENT OF METEOROLOGY

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තු වලනය සම්බන්ද තිවේදනය பூமி அதிர்வு சம்பந்தமான அறிக்கை **EARTHQUAKE INFORMATION BULLETIN**

මෙම පුහලක්වයෙන් යුතු භූ චලනයකින් සයුර සිසාරා සුනාමියක් හටගැනීමේ හැකියාවක් පවතින බැවින් මු ලංකාවේ <u>වේරළඛඩ පුදේශ වල සහ ඒ ආසන්නයේ ජීවන් වන ජනකාව</u> මේ පිළිබද විමසිල්ලෙන් සිටින ලෙසට

මේ පිළිබඳ නවතම තොරතුරු සියළු මාධාා මහින් ජනතාව වෙත නිවේදනය කරනු ලැබේ.

ஏற்பட்டுள்ள பூகம்பத்தினால் கனாமி ஏற்படக்கடிய வாப்புள்ளதனால், கடற்கரையோரப்பகுதிகளிலில் ு அறையுக்கு அறைய அமையுக்கையூக்கையுக்கு அவறுக்காயாக இருக்குமாறு வேண்டுகிறோம். அத்துடன் இதனை பற்றி புதிய தகவல் கிடைத்தவுடன் ஊடகங்களின் மூலம் பொதுமக்களுக்கு அறிவிப்பதாகவும் தெரியபடுத்துகிறோம்.

Earthquakes of this size have potential to generate ocean-wide tsunamis. Therefore those living near and along the coast around the island are advised to be vigilant in this regard.

Latest information in this regard will be publicized through media to the public as and when it becomes

National Tsunami Early Warning Center, Department of Meteorology. Bauddahaloka Mawatha. Colombo-07.





ජාතික සූනාම් පූර්ව අනතුරු ඇතවීමේ මධාෘස්ථානය வை இடை இரு முறைப்படிய பிருவிய கள் மிருவிய முன் வச்சரிக்கை வளிமண்டலவியல் திணைக்களத்தின் தேசிய சுனாயி முன் வச்சரிக்கை மைபத்தினால் வழங்கப்பட்டது NATIONAL TSUNAMI EARLY WARNING CENTER-DEPARTMENT OF METEOROLOGY

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COLOR: White

Bulletin No: 01

12

භූ වලනය සම්බන්ද නිවේදනය புமி அதிர்வு சம்பந்தமான அறிக்கை EARTHQUAKE INFORMATION BULLETIN

Issued at: .08.36 a.m....

IOWave 18 හුතාම අභාාසයක් - සැබෑ සුනාම අවස්ථාවක් නොවේ. சுனாமி பயிற்சி – உண்மையான ஒரு சுனாமி நிகழ்வு இல்லை. TSUNAMI EXERCISE - NOT A REAL TSUNAMI EVENT.

ශූී ලංකාවේ වෙරළබඩ පුදේශ වල සහ ඒ ආසන්නයේ ජීවත් වන ජනතාව වෙතයි. இலங்கையின் கரைபோரப் பகுதிகளிலும் அதனை அண்மித்துவாழ்கின்ற மக்களுக்கும். THE PEOPLE THOSE WHO ARE LIVING NEAR AND ALONG THE COASTAL AREAS AROUND THE ISLAND.

ඉන්දියානු සාහරයේ සුමානුං දිවයින අසල මේ සමග දක්වා ඇති මුලික පරාමිතීන් සහිත භූ වලනයක් ඇති විය. தீந்து சமுத்திரத்தின் சுமாத்திராதிவிற்கு அருகாமையில் கீழ் குறிப்பீட்ட ஆரம்பத்தரவுகளுடன் கூடிய புவி அதிர்வு

An Earthquake has occurred near Sumatra Island in the Indian Ocean with these preliminary parameters.

පුභලක්වය :	I i
பருமன் :	1
Magnitude :	8.8
ගැඹුර (කි.මී.):	
ஆழம் (கி.மீ):	
Depth (Km):	10
දිනය :	
திகதி:	
Date:	2018.09.05
හටගත් වේලාව:	
இடம்பெற்ற நேரம்:	
Origin Time:	08.44
අක්ෂාංශ:	
அகலக்கோடு:	
Latitude:	3.3N
ලද්ෂාංශ:	
நெடுங்கோடு:	
Longitude:	96.0E
පිහිටීම:	
இடம்பெற்ற இடம்:	
Location:	Northern Sumatra Indonesia





Lodins glabid promptic quedice @classicional-ciante con Econ equipalisación grafia sentid gra-sentiagicani, cacional processional des sentiagicanis angiesta. Lag processional contra NATIONAL TSUNAMI GARLY WARNING CENTER-DEPARTAMINTO METEOROLOGY

අපරක්ෂික පුදේස කරා ඉවත්වන ලෙසව කොරවා අවධාදය Linguistriunism නිස්කියකම් නිස්වේඩයාවනු ලාත්තිකම්ප්රේණන එළුරිසිනාම Advised to Evercuate to Safe Places

මෙම හු වලපාය හේතුවෙන් සතුර සිතාව විනාසකාරී සුනාම් කමන්වයක් හටගැනීමේ හැකියවක් පවතීන අතර ලෙසේ දුවගෙන් පය හි ලංකාවෙන වෙරළඹන පුහරු කරා ද බලපාන ශ්වතර <mark>නි උයනාවේ වෙරළඹගිරි පුහරු සව</mark> උත ඒ අපක්වාසේ නිවක් වන ජනතකව හැකි අත්මන්ත් අපක්ෂිත ක්රාන කරා වෙන්වන ගලස අවිවාද කරනු ලැබෙි.

ෙරෙම නිලේදනය අමුලේ ජාතික සහ අන්මේ පාමික ආයතන සමග රකකත්වයකේ නිකුත් කරන ලද බැරී අත්රිය කිරීමු.

ரந்தத்தின்ன பூகம்கத்தினால் இந்து எழுத்திரந்தில் பாநிர்பு ஏற்படம்களும் கண்டு உண்டாகள்களும் வாழும் மக்களை பாநிக்கக் கூடும். எண்ணே கடக்களை பாநிக்கக் கூடும். எண்ணே கடக்களை பாநிக்கக் கூடும். எண்ணே கடக்களை மற்ற என்னத்தை முறையோரப்படிறிகளுக்குக் கண்ணித்தை பகுதிகளிலும் கண்ணிற்ற மத்திகளிலும் கூற்றவர். த்த வந்கம் கெற்ற உள்ளு. வெளியி எற்றவளங்குகள் கலிநாவோர்ந்த வெளியிட்பபட்ட சுதிகையாகும் There is a possibility of a destructive ocean-wide trunami in the indian ocean that will affect Sri Lanka. <u>those</u> living near and aleon, the <u>Coast areand the Island</u> are advised to evacuate to safe places immediately.

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Duty Meteorologist,
National Sunami Early Warning Center,
Department of Meteorology,
Bauddsholes Mawatha,
Colombo-07.

on and 0931 am

Exercise purp



் பதின் துல்ல இதற்கள் அருந்து முற்று முற்று இதற்கள் இதற்கள் அறிக்கை வருற்கள் குறிக்கை வருற்கள் அறிக்கை வருற்கள் வருக்கு குறிய சுனாயி முக்கு கைசிக்கை வருக்கு கண்டுக்கை வருக்கு கண்டுகள் கண்கள் கண்டுகள் கண்டுகள் கண்டுகள் கண்டுகள் கண்டுகள் கண்டுகள் கண்டிகள

P : 011 2686686, Fax | 011 2682668, E-mail:

සුනාමී අවධානම අවසන් බවට නිවේදනය

சுனாமி எச்சரிக்கையின் நீக்கம்

Tsunami Threat Clear Message

ශී ලංකාවට නිමු සුනාම අවදානම මේ වන විට ඉවත්ව. ගොස් ඇති බැවින් තවදුරත් සුනාම අවදානමක් නොමැති බවට දුන්වා සිටිනු ලැබේ .

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පවද මෙම නිවේදපාය අදාළ ජාතික සහ අන්තව් ජාතික අයයනන සමග එකහත්වයෙන් තිකුත් කරන ලද මැව කව දුරවත් දන්වා සිවිමු. මේ අනුව පිහුදු වඩ පුදේශ සාමානය ජන පීචිතය සඳහා ආරකෘං සනිත බව මෙයින් සුකාය කරනු ලැමේ.

இலங்கைக்கு வழங்கப்பட்ட ' சுனாமி எச்சரிக்கையானது தற்சமயம் எனவே கரையோரப்பகுதிகள் மக்கள் நடமாட்டத்திற்கு பாதுகாப்பானது என பிரகடனப்படுத்தப்படுகின்றது. நீக்கப்பட்டுவிட்டது

இதுவதிகாரம் பெற்ற உள்ளூர் மற்றும் வெளியூர் ஸ்தாபனங்கழுடன்

கலந்தாலோசித்து வெளியிடப்பட்ட அறிக்கையாகும்.

Public is further informed that this message is announced in consultation with relevant national and There is no tsunami threat to Sri Lanka at present. The coastal areas of Sri Lanka are declared safe.

international agencies,

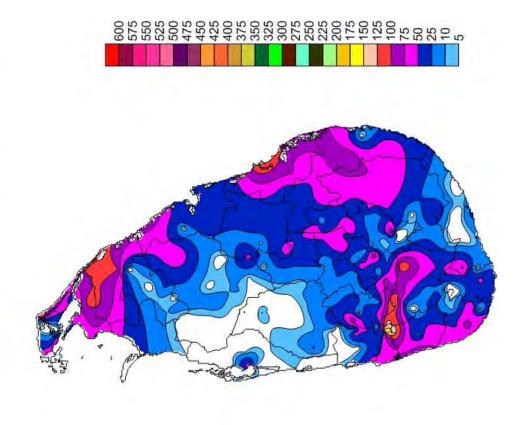
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National Tsunami Early Warning Center, Department of Meteorology, Bauddahaloka Mawatha, **Duty Meteorologist**, Colombo-07.

Last 24 hrs Rainfall Data

කාලගුණ වාර්තාව வ		and the second second			
2018,12.06	දින උතද් 0	830 ට අවසන්	ලි සැය 34 සඳහා		
for the 24 ho	our period en	ding at 0830St	LTS on this date		
කැලගුණවිදවා මධ්වස්ථාන	ember Co	md50(ep)	ಲಿತಿಕಾರಾವರ(ಕ ತೆ)		
tspxx:lytpay; epiyaq:fs:	production of the	epoypy, ntg/gep(v(nt) Kio 1Po;t/rp(kp, kP)			
Mosavologkal Station	Temperature in the shade (°G) Ranfall (mm)				
	сообсан Мах	mMTgo, Wdg.	Desity Raurtidi		
urachapura Anurachapura	27.1	23.5	0.6		
මදුල්ල uspeerBalulla	23.4	20.6	12.0		
garde accept company many Bandarawela	20.4	17.5	9.3		
SECREC INCLASSING Batticalea	26.5	23.2	57.0		
SCHEW Designation Colombo	31.8	24.2	11.1		
code smaGalle	30.0	24.6	TR		
©®©ction©ibien(Ceinion). Flambambota	28.6	24.2	0.1		
coso empoummulalina	29.6	23.4	0.2		
cer nicese Outromyteenar Menaragala	27.0	22.6	25.7		
කටුයක් කාර අප්ලේඛණය Kanagasthica	27.4	21.1	0.5		
филост ві: (Бришжен Китипаунке	31.5	24.0	0.0		
cjóc ocoje துருணகல் Kurungala	30.5	23.2	0.0		
от треборов шартиручили Maha Illoppallama	27.0	22.0	1.8		
පත්තාරම (petertriMannat	28.3	24.6	4.3		
ecoegisiacie. Quantitingar polonomuwa	26.2	23.2	8.0		
COCCET MANGAGUAN NUWARA Eliya	16.4	14.0	6.0		
පොදාවල් Quaggadia Pothuvil	27.2	23.2	79.2		
පුත්තයෙ) ල්ලාග්ර් Púttalam	29.8	23.0	0.0		
ப்பெயும் இருத்தைகளை Rathenalana	31.7	23.8	46.0		
එක්කලාරය නුලේකිෂාරුති Radinapuru	29.4	23.7	5.7	5.7	
திலு அது தேர்களைகளை Transonnalee	26.2	22.9	29,6		
පවතියාව බැකුණිය Vavaniya	27.9	23.0	10.3		
ே்கு மத்தனMattle	27.2	22.9	0.7		
විදුලි වලාගැර ආලිත ජලාන ලීරුකින් ලීරිරුල්නුට ප්රථ	Hydro Cat	chment Areas	No iPoyo epiyaq is; Rainfall Stations	88 kp. k	
00்லன் க் ளெல்ற Point epiyands Ravitall Stations ஊடிகோசல்றீச்Castlereigh	0.0	ுக்கு இரந்தெனிக்ல Handenigala		4.5	
estad Cristic Lear Norton	1.0	ை அளிகும்பே Hantambe		5.8	
உடிகள் அடுமெள்ளக்கலே Maussakele	0.0	entinera Gu	2.1		
உள்ளக்கள் பண் Canyon	0.0	C2000E.B.B.	0.0		
டிக்கான லக்க பான Lakshapana	5.2	CONTRACTOR DE	10.0		
நல் கோக்கிய பால் Caks அள்ள நல்ல காக்கிய காக்கிய கால் Upper Kotmale	1.0		0.0		
ுவர்கள் கொத்மலை.Komnie	0.0	ஊவு ு குக்குளேகங்கKukuleganaga ஊைத∝மஸ்கேலியMaskeliya		NA.	
தே அதிக்ரோறியா Victoriya	3.1	STANDINGLINE		16.6	
a a second and the second and sec	5,1	of an interest	one resource	10.0	
අයිකුත් වර්ණපතන ස්ථාන ඉනනෙய ලිනෙනගන්නෙමින්	மழைவீழ்ச்	Other Rainf	all Stations	·	
වර්ෂාමාසස්වාස kie tPo;rp eplyaq;fs;Rainfall Stations	88-kpkP-mm	වර්තාමාල ක්රාස	kie tPo;rp epiyaqds; Rainfall Stations	#8 kpk	
water ப்பட்டு சோகம் Sogama Tank	78.0	තුම්බන්තේම් 💆	ம்பன்கேணி Thubankenia	44.0	
நீதன்று கலிக கழுக்கடியப்படை இரும்வை TCO Navy	71.2	ு என்றங்க	ໂຄມເນື່ອນ Hanwella	43.3	
(HUS≃ €amamil) Deegavapi	66,0	രങ്കാര ലൽ	ாடார்கம் Bandaragama	41.5	
ട്ടേട്ടെ മാഥയമാഥനിയണ്ടി Maylambauely	64.2	வன் கிரண் 🛚	Gran	40.8	
энции жи й(В)Овий Каймини	52.9	்ஸ் நூகம் சி	வரை ஹாகம் Rugam		
ு அட்டுக்கள்ரப்பற்று நீர்ப் Akarapattu Inigat	50.7	mundig, oresp	36.B		
டுகள் வபுகம் Labugama	49.2	கும் உற்குச்சவெளி Kuchchaveli		36,5	
palog pa இக்கணெய Ekgal bya	48.0	அழக்கள் நெடுங்கேண்டு Nedunkerni			
நடுகுக்கக் இதுக்கச்சேனை Illukuchchanai	46.8	ஓன்ற அரு இங்கினியாகல் Inginiyagala			
பு _{ன்ன} ை வெள்ளவாய Wellawaya	45.9	ஊக்கத்தித்தார்ப் Kanthale Tank		33.1	

7 DAYS MAP FOR 29 NOV- 05 DEC 2018



Activities with the Met information

- Inform DDMCu's and District Secretaries to standby with the forecast.
- Ready SAR teams
- Alert fisheries communities with Department of fisheries
- Conduct evacuation with the red colour warnings
- Alert all Media in 24 x 7
- Mobilize emergency recourses with the forecast and warnings.
- Gather ERC to update the NEOP (National Emergency Operation Plan)
- Update top level decision makers with the information.