



**Preparedness planning and readiness for
response amidst the backdrop of COVID 19**

South West monsoon 2021

Disaster Management Centre

4th May 2021



Presentation outline

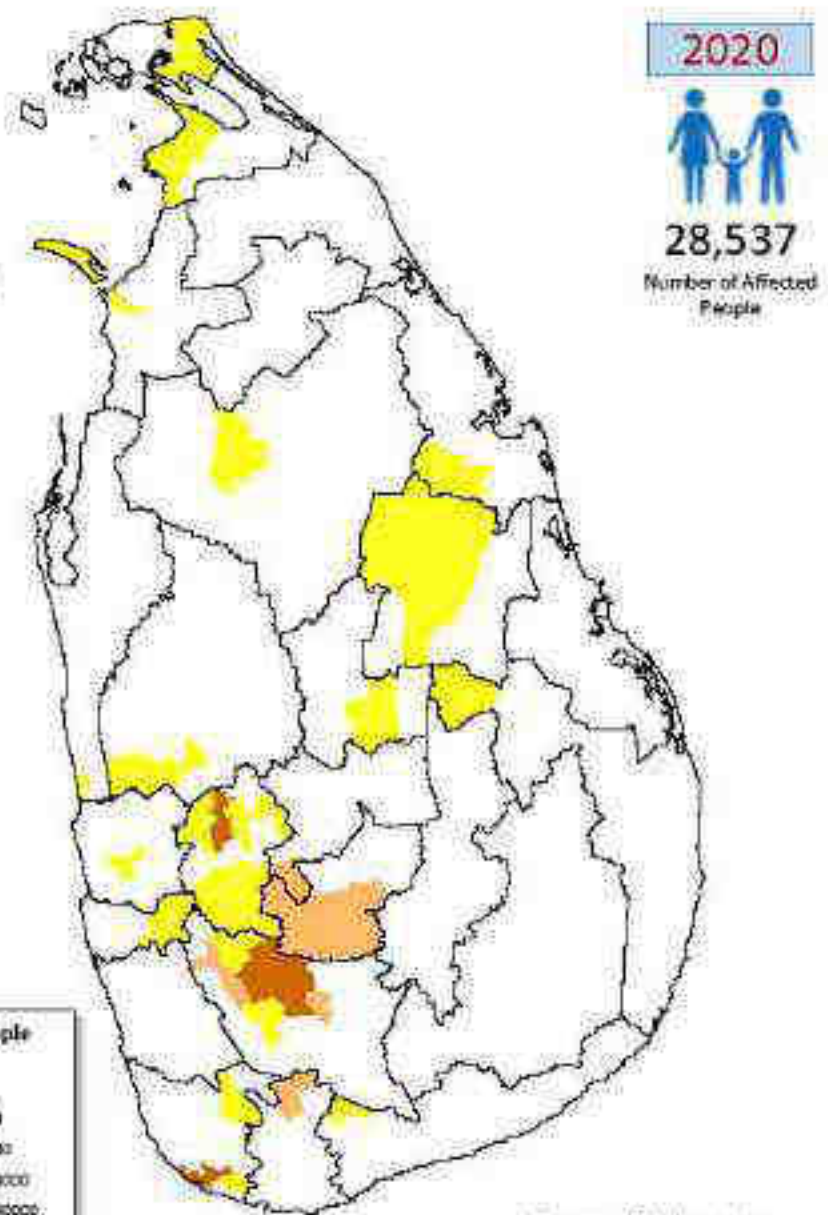
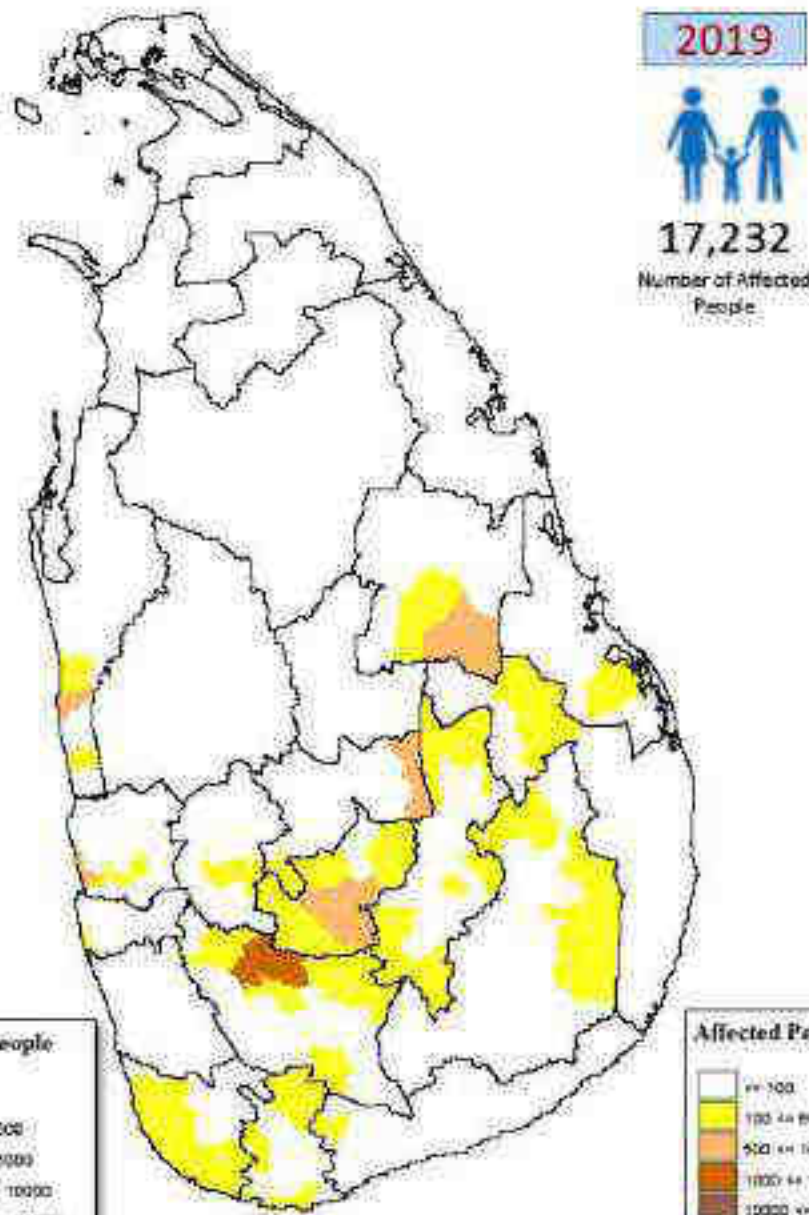
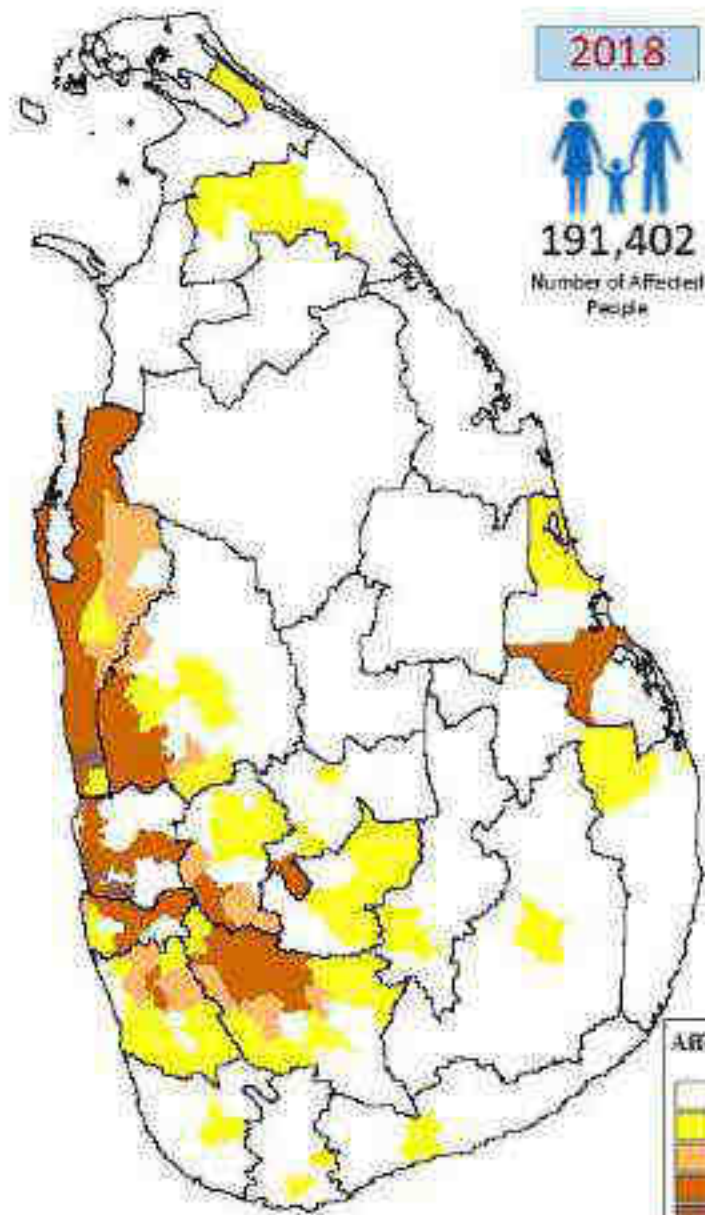
- **Seasonal forecast**
- **Analysis of rainfall pattern**
- **Disaster impact analysis**
- **Potential impact scenario**
- **Planning**
- **Preparedness for response**

Seasonal forecast for South West monsoon (SWM) 2021

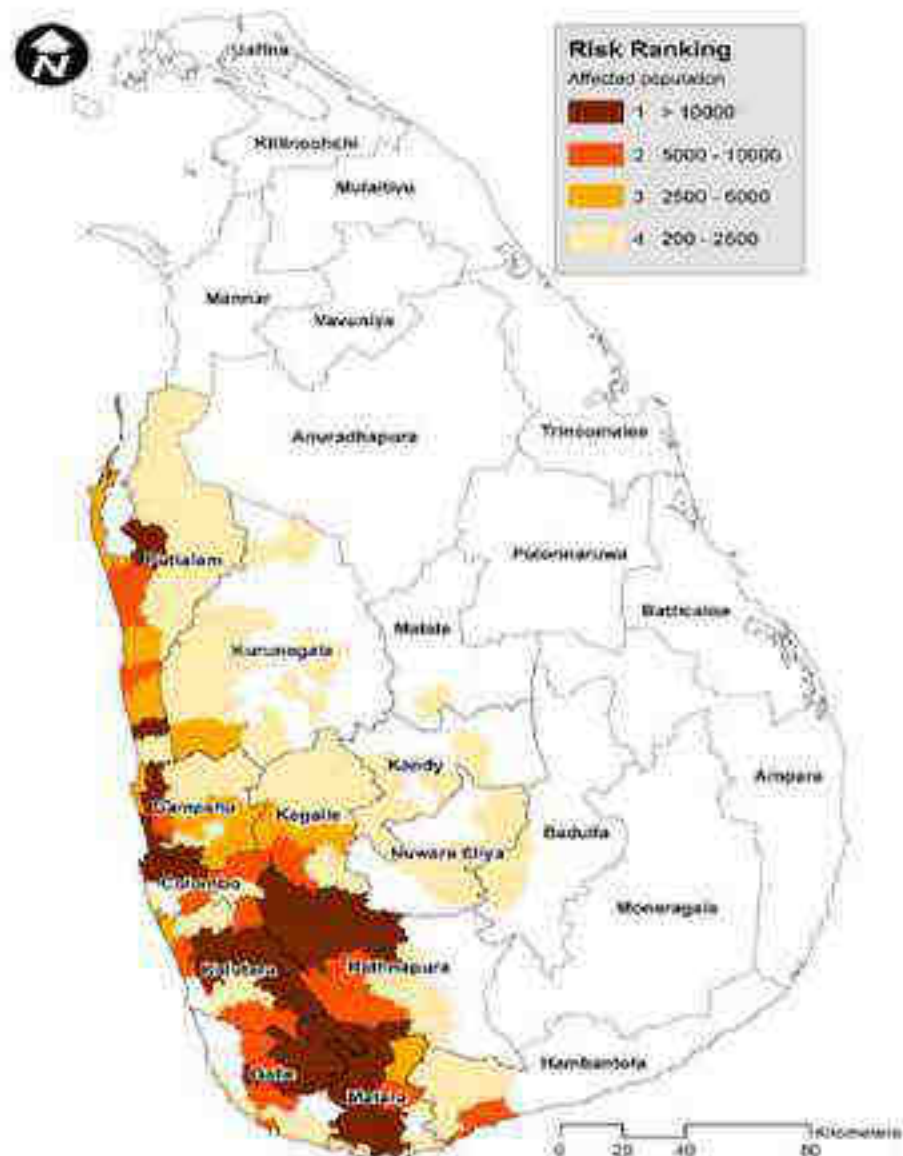
- Near normal rainfall is likely during May – September 2021 period.
- However, in the month of May 2021 there is a possibility for development of low pressure systems over the Bay of Bengal.
- This development may influence the rainy conditions over Sri Lanka particularly over the South Western part of the country.
- Currently neutral El Niño/Southern Oscillation (ENSO) conditions are prevailing in the Pacific Ocean.
- Indian Ocean Dipole is also in the normal mode over the Indian Ocean.
- Normal to slightly above normal temperatures are likely over most parts of the region.
- Seasonal predictability is limited due to synoptic scale systems such as lows and depressions etc. and intra-seasonal Oscillations such as Madden Julian Oscillations (MJO).



Flood and landslide impact comparison area wise- SWM



Potential impact scenario for SWM 2021

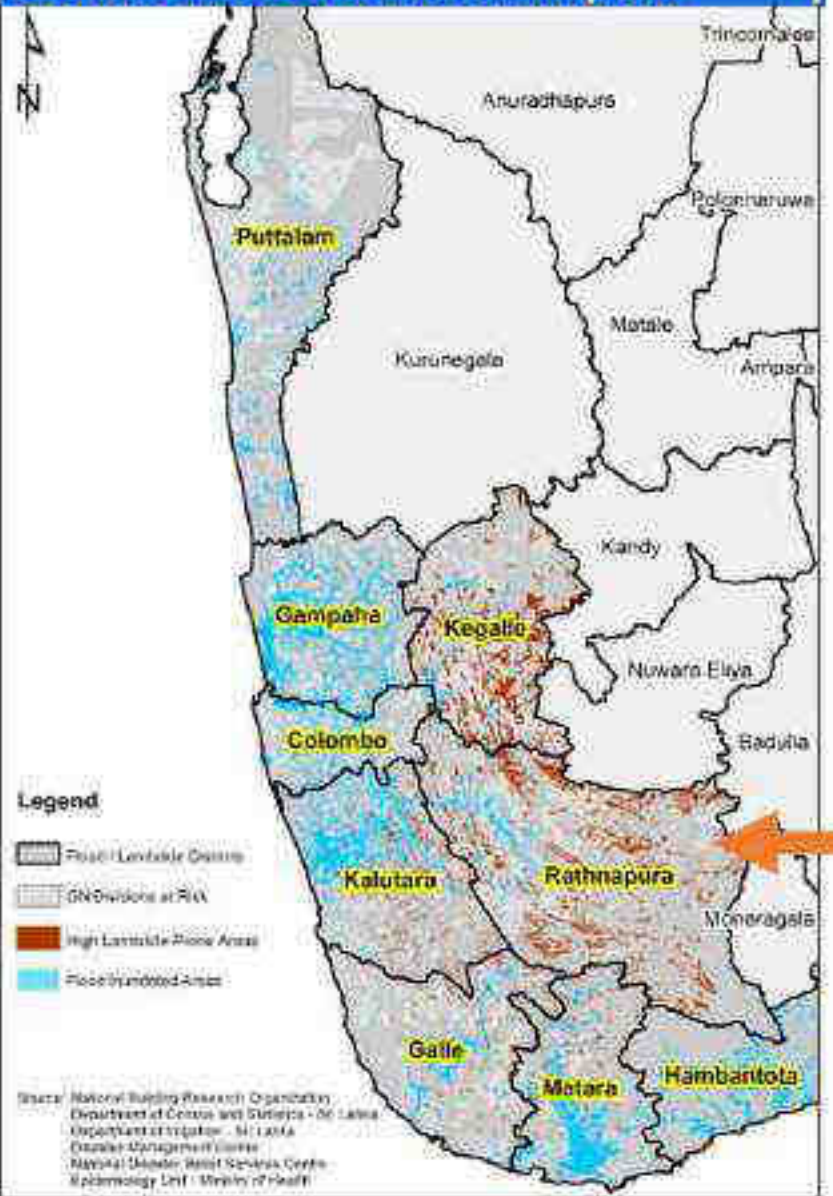


Likely impact		
District	Number of families	Number of individuals/ persons
Badulla	198	660
Colombo	3,830	13,800
Galle	6,350	21,400
Gampaha	6,890	21,000
Hambantota	130	510
Kalutara	4,630	17,100
Kandy	492	1,600
Kegalle	951	3,050
Matara	3,358	12,280
Nuwara Eliya	410	1,400
Puttalam	4320	14,400
Ratnapura	3980	14,350
Total	35,539	121,550

Potential threats

- Riverine or flash floods
- Land slides/mud flows
- Population displacement from flood affected areas
- Health risks - Covid-19, Dengue
- Road blockages and collapse of bridges
- Interruption to utility services (e.g. electricity, water etc.)
- Livelihood destruction and food insecurity
- Human and livestock casualties
- Lightning
- Drowning

South-West Monsoon Impact



High risk areas



Colombo

Gampaha

Kalutara

Ratnapura

Galle

Matara

Kegalle

Puttalam

Hambantota



District	High risk(DSDs)	Moderate risk
Colombo	Kolonnawa, Kaduwela, Colombo	Seethawaka, Homagama
Galle	Nagoda, Neluwa, Thawalama, Welivitiya-Divithura	Elpitiya, Niyagama, Galle Four Gravets, Baddegama
Gampaha	Biyagama, Kelaniya, Wattala	Ja-Ela, Katana
Kalutara	Bulathsinhala, Madurawala, Walallavita Palindanuwara, Millaniya	Ingiriya, Kaluthara, Dodangoda
Kegalle	Dehiovita, Ruwanwella	Yatyanthota, Bulathkohupitiya Aranayaka, Kegalle
Matara	Matara Four Gravets, Kamburupitiya, Akuressa, Athuraliya, Malimbada	Welipitiya, Kotapola, Thihagoda
Ratnapura	Ratnapura, Kiriella, Ayagama, Elapatha Kuruwita, Kalawana	Pelmadulla, Eheliyagoda
Puttalam	Chilaw, Nattandiya, Puttalam	Mahawewa, Mundal
Hambantota		Tangalle, Ambalantota, Weeraketiya, Angunakolapelassa

Planning for the South West monsoon 2021

- Planning being done amidst the backdrop of the country's third wave of the **COVID 19 global pandemic**
- DMC organised an online national stakeholder meeting with the participation of key technical agencies, other government institutions, private sector, INGOs etc.
- Based on forecasts and analysis presented by technical agencies the preparedness planning and response activities were identified by DMC
- Issuance of government circular to DSs on Planning and Preparation for Response – South West Monsoon 2021
- Each district likely to be affected during SWM has prepared the District Level Scenario Based Action Plan
- 13 District Disaster Management Coordinating committee meetings were conducted in all high-risk districts
- 50 DS divisional meetings will be conducted
- Awareness programmes are conducted in the most vulnerable GN divisions
- Flood and landslide exercises/ drills are planned and carried out at district level

Schedule of District/Divisional SW monsoon meetings 2021

No	District	Date	DS Division	Remarks	
1	Gampaha	5-May-2021	Aththanagalla DS		
		27-Apr-2021	Kalaniya DS		
		3-May-2021	Diompe DS		
		10-May-2021	Biyagama DS		
2	Kalutara		Milleniya DS	Postponed	
		27-Apr-2021	Nagoda DS		
3	Galle	28-Apr-2021	Welwitiya Divithura DS		
		29-Apr-2021	Imaduwa DS		
		4-May-2021	Neluwa DS		
4	Matara			Pending	
5	Hambantota			Pending	
6	Kandy	5-Apr-2021	Pathahewahata DS		
		8-Apr-2021	Minipe DS		
		22-Apr-2021	Uduumbara DS		
		29-Apr-2021	Ganga Ihala DS		
7	NuwaraEliya			Pending	
		Kegalle	3-May-2021	Kegalle DS	
9		29-Apr-2021	Daraniyagala DS		
		30-Apr-2021	Mawaniella DS		
		7-May-2021	Dehiowita DS		
		28-Apr-2021	Kahawatta DS		
		29-May-2021	Palmadulla DS		
		30-May-2021	Rathnapura DS		
		4-May-2021	Kalawana DS		
	10	Rathnapura	5-May-2021	Aehaliyagoda DS	
			11-May-2021	Kuruwita DS	
			12-May-2021	Ayagama DS	
18-May-2021			Kiriella DS		
		19-May-2021	Elapathia DS		
		20-May-2021	Niwithigala DS		
11	Puttalam			Pending	



District Monsoon meetings 2021			
No	District	Date	Venue
1	Colombo	1-April-2021	District Secretariat auditorium
2	Rathnapura	11-May-2021	District Secretariat auditorium
3	Gampaha	20-May-2021	District Secretariat auditorium
4	Galle	30-April-2021	District Secretariat auditorium
5	Hambantota	13-May-2021	District Secretariat auditorium
6	Kegalle	11-May-2021	District Secretariat auditorium
7	NuwaraEliya	6-May-2021	District Secretariat auditorium
8	Puttalam	5-May-2021	District Secretariat auditorium
9	Kalutara		Pending
10	Matara	13-May-2021	District Secretariat auditorium
11	Kandy	12-May-2021	District Secretariat auditorium

Readiness and priorities

• **Warning dissemination**

- PA systems given to Police , Army, district authorities
- Police special night patrols are on standby
- Enhanced social media reach
- Reaching local officers via SMS(DEWN)
- Advance (early) warnings given to public via SMC and media
- Location specific landslide warnings issued

• **Partner coordination**

- Further strengthen coordination with technical agencies and responding agencies (DoM, DoI, NBRO, Military, Police)
- Regular coordination meeting at all levels
- Media briefings, media programmes on risk communication, active media role on disaster response
- Updating local resource networks
- Coordination of humanitarian agencies and the private sector organizations

• **Safety centre management**

- Divisional level contingency planning for relief management by NDRSC
- Pre arrangements with the private sector and humanitarian agencies
- Quick medical assistance through 1990 "Suwa Seriya" ambulance service
- Community feedback mechanism through 117 and social media

Evacuation and safety centre readiness

- Community awareness/alert/warning to be disseminated before 48 hours
- High risk communities will be advised to evacuate to **friends or relatives** (in safer areas), minimise community contact to avoid the spread of COVID-19
- Guide and facilitate safer community evacuation to pre-identified safety centres 48 hrs in advance
- Pre evacuation before 24 hours to earmarked/assigned safety centres
- All response and relief coordination will be carried out through District and Divisional Secretaries
- SAR teams will be on standby for quick deployment, equipment for rescue and response

Readiness at all levels

- Emergency Operations Centre (EOC) - capacity enhanced
- Pre deployment and positioning of Search & Rescue (response) teams with gears/equipment from Military and Police (along with PPE)
- Island wide communication network for warning dissemination
- Local level communication mechanism (WhatsApp, Viber, Sirens, PA systems, DMC Facebook etc.)

Specific COVID-19 guidelines to be followed

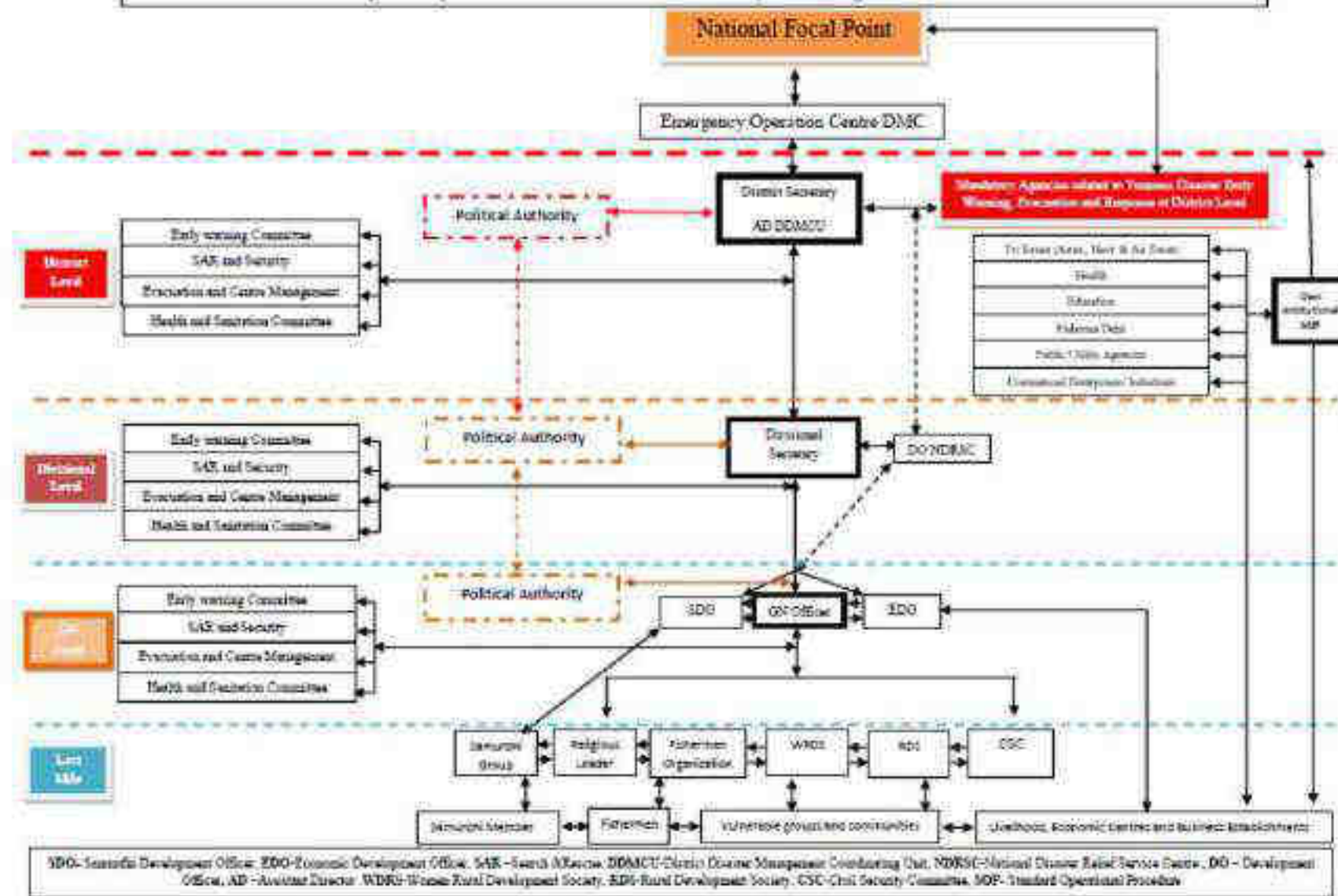
At safety centres

- ✓ Pamphlets and booklets printed and distributed with specific guidelines to be followed
- ✓ To distribute sanitizers and face masks
- ✓ Awareness and health screening (e.g. temperature)
- ✓ Apply health guidelines such as social distancing
- ✓ Arrangement of meals as per medical advice
- ✓ Evacuees not allowed to move in and out from safety centres without medical advice
- ✓ Establish Police/ Military security and other safety arrangements
- ✓ Upon returning to homes all evacuees to take medical advice
(e.g. random PCR tests)

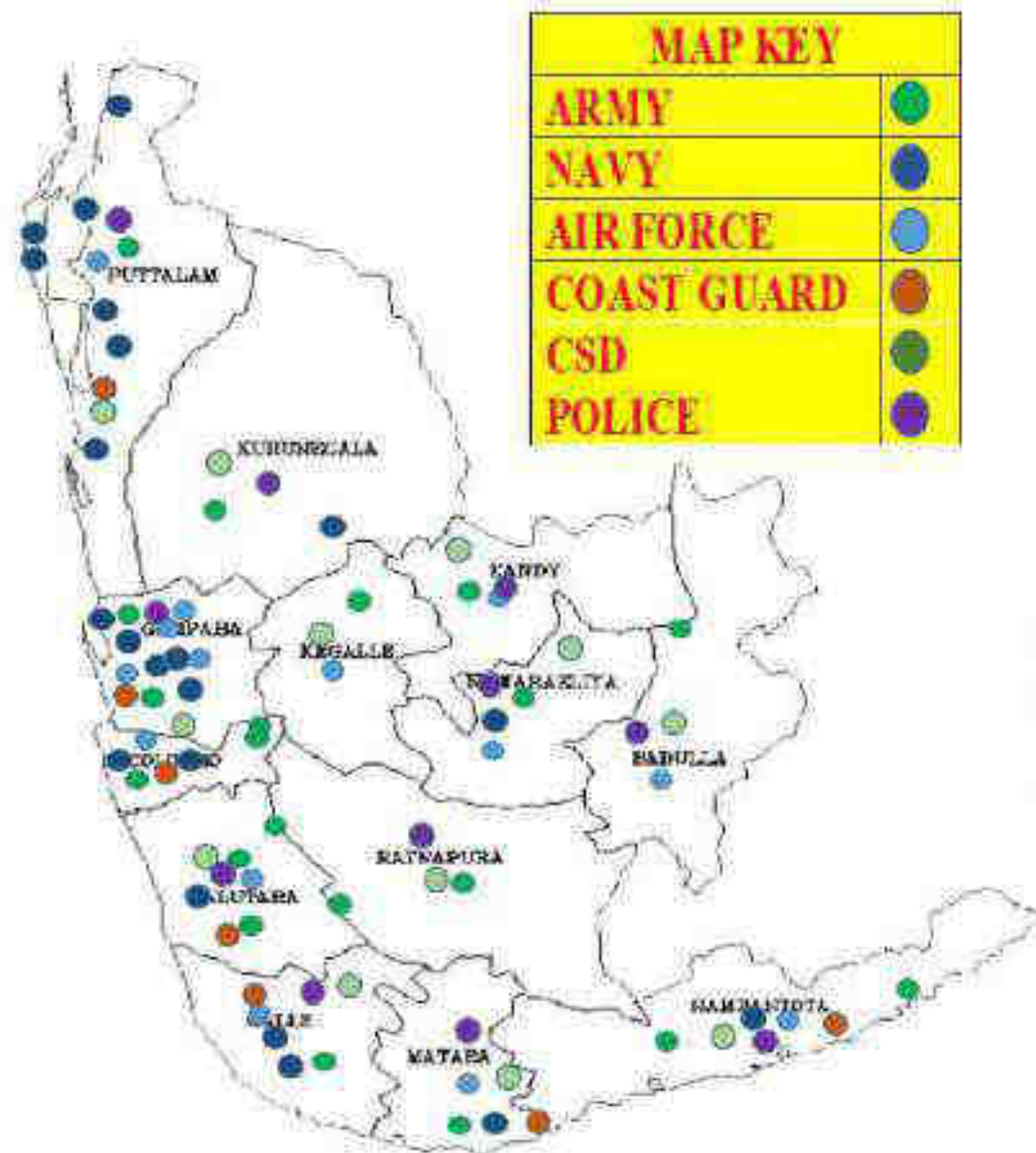


Warning dissemination mechanism

Coordination and Regulatory Mechanism for Tsunami Early Warning and Evacuation Process at Last mile



TROOPS DEPLOYMENT FOR SOUTH WEST MONSOON



District	Army	Navy	Air Force	Police	Civil Defence	Coast guard
Badulla	35	04	16			
Colombo	278	28	16	118	10	08
Galle	105	15	16	54	10	05
Matara	62	06	16	50	10	08
Gampaha	140	40	48	50	07	04
Hambantota	92	08	16		10	04
Kalutara	191	21	16	105	20	04
Kandy	124		16		20	
Kegalle	93		16	50	10	
Kurunegala	69		16		10	
N'Ellya	62	40	16		10	
Puttalam	68	101	16	78	07	
Ratnapura	105		16		10	
TOTAL	1424	263	240	505	134	33

ARMY SAR TEAMS DEPLOYMENT FOR SOUTH WEST MONSOON

16GR	03
01 SLNG	02
238 SR	03
8CLLI	02
02(V)SLLI	02
14 VIR	02
6 GW	02
10SLNG	02
12GR	01
RHQ SLAOC	02
RHQ SLAPC	02
UNTRG SCH	02
9GW	03
8 GW	03
14(V)	03



2 SLSR	02
SLAPC	01
3(V) SLSR	03
1GW	03
3 (V) GW	02
23 GR	01
3 SLNG	02

NAVY SAR TEAMS DEPLOYMENT FOR SOUTH WEST MONSOON

SLNS Vijaya	02
RABS HQ	10
SLND Thambapanni	02
SLNS Barana	02
SLNS Theraputta	02
SLNS Vijaya SBS	02
SLNS Vijaya Marine	09
SLNS Lanka	01
SLNS Kelani	02
SLNS Gamunu	05
SLNS Mahasen	01
Navy Gen Hos	01
SLNS Rangala	03
N/DEP Akuregoda	02
Special Boat sqn	02
RTA Kalutara	07
SLNS Dakshina	03
SLNS Nipuna	02



SLNS Shilpa	01
SLNS Shilpa	01
SLNS Ruhuna	02
SLNS Kavanthissa	02

AIR FORCE SAR TEAMS DEPLOYMENT FOR SOUTH WEST MONSOON

Palavi	01
Kurunagala	01
K.galle	01
Mirigama	01
Rathmalana	01
Katukurunda	01
Kokgala	01



Segiriya	01
Piduruthalagala	01
Diyathalawa	01
Katukurunda	01
Weeravila	01
Weeravila	01

COAST GUARD SAR TEAMS DEPLOYMENT FOR SOUTH WEST MONSOON



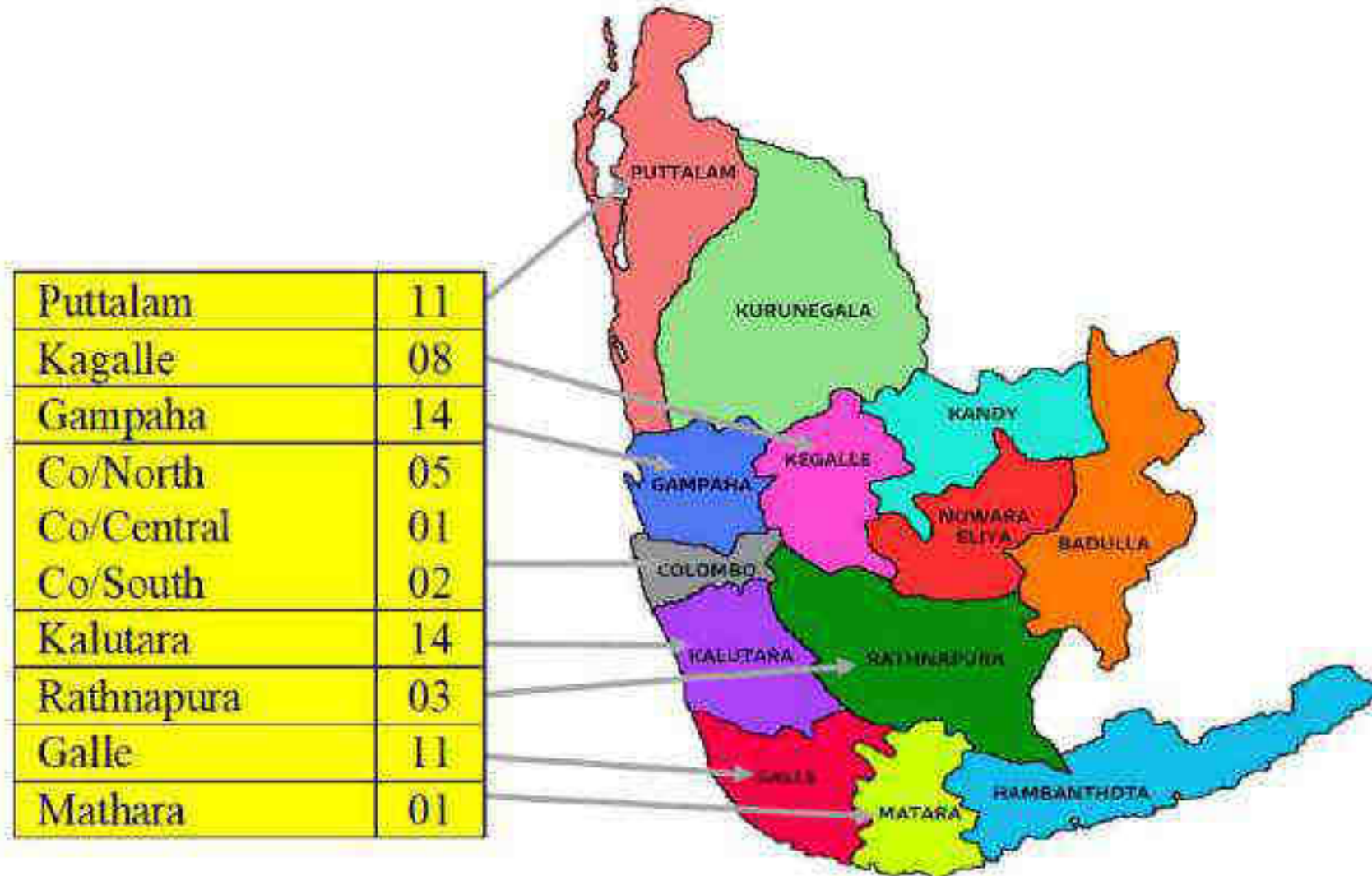
Dikowita	01
SLCG Waruna	02
Panadura	01
Balapitiya	01

SLCG Matara	02
Kirinda	01

CSD SAR TEAMS DEPLOYMENT FOR SOUTH WEST MONSOON

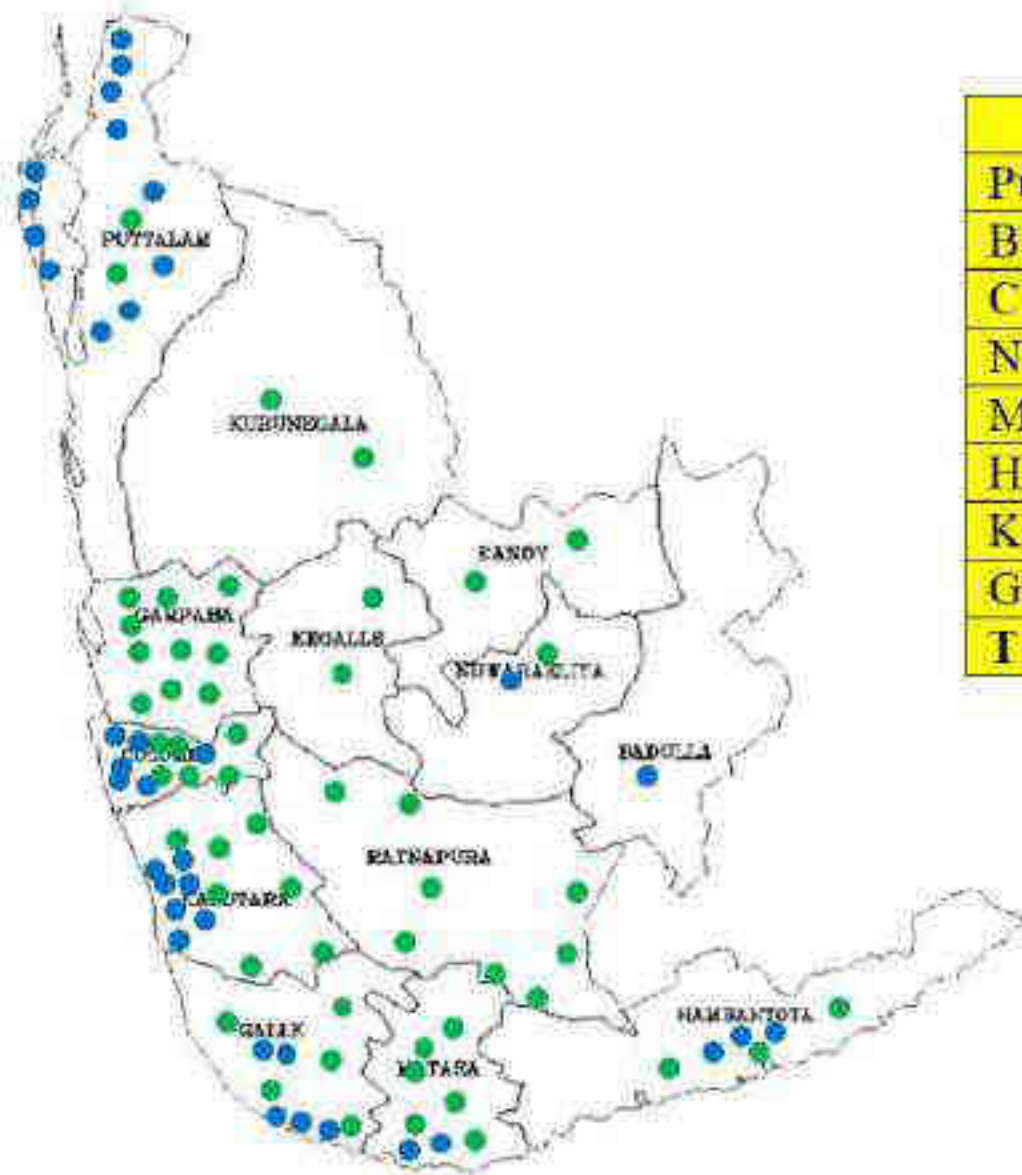


SL POLICE SAR TEAMS DEPLOYMENT FOR SOUTH WEST MONSOON



BOAT DEPLOYMENT FOR SOUTH WEST MONSOON

SL ARMY ●	
Puttalam	02
Kurmagala	02
kagalle	03
Gampaha	10
Colombo	08
Kandy	02
N'eliya	01
Mathara	06
Hambantota	03
Kalutara	08
Rathmapura	09
Galle	05
TOTAL	59

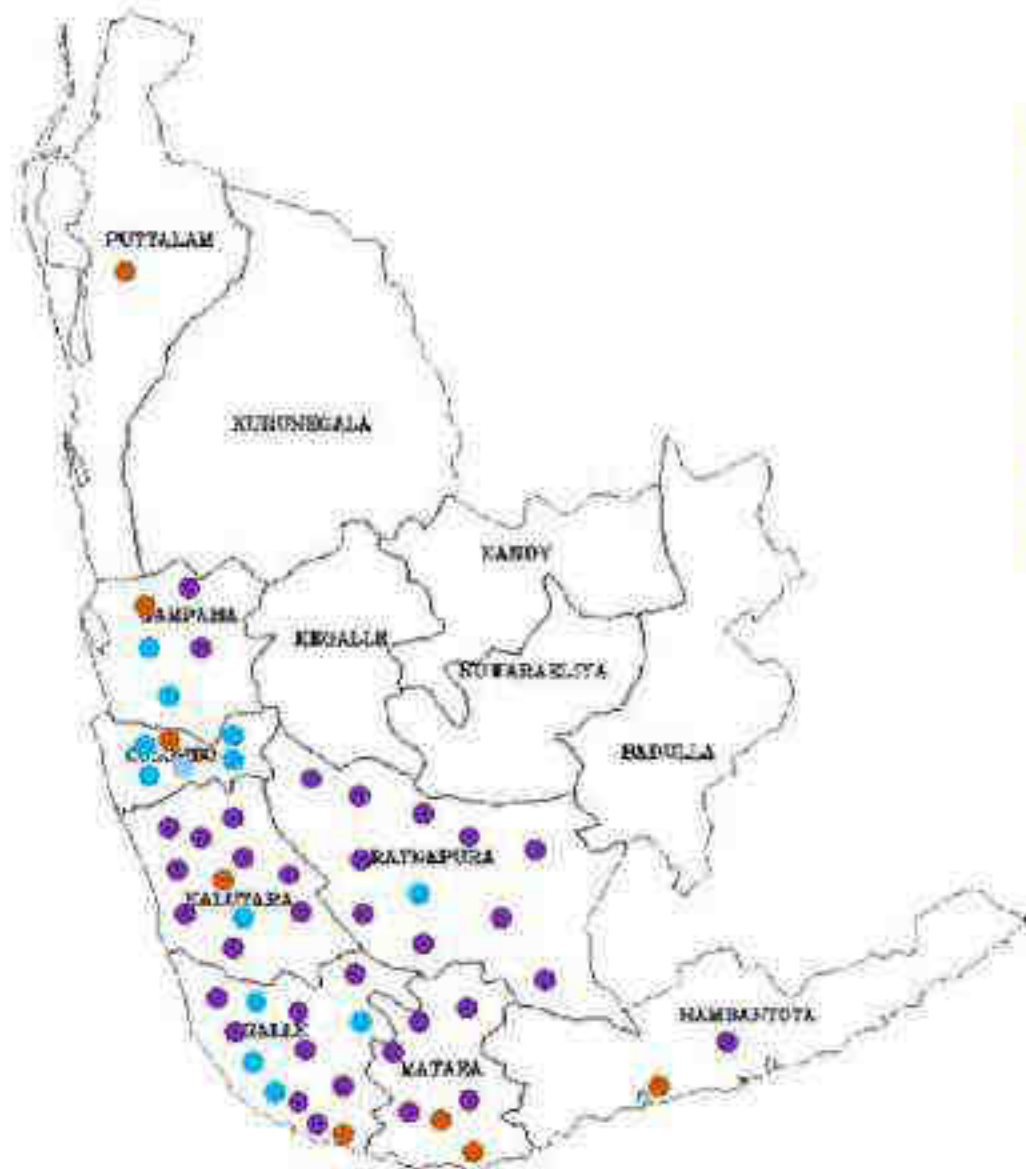


SL NAVY ●	
Puttalam	23
Badulla	01
Colombo	06
N'eliya	01
Mathara	02
Hambantota	03
Kalutara	07
Galle	05
TOTAL	48

BOAT DEPLOYMENT FOR SOUTH WEST MONSOON

SL AIR FORCE ●	
Gampaha	02
Colombo	04
Kalutara	01
Rathnapura	
Galle	04
TOTAL	11

COAST GUARD ●	
Gampaha	01
Colombo	01
Kalutara	01
Puttalam	01
Galle	01
Matara	02
Hambantota	01
TOTAL	08



SL POLICE ●	
Gampaha	02
Mathara	04
Hambantota	01
Kalutara	10
Rathnapura	11
Galle	09
TOTAL	37

CSD ●	
Colombo	01

Stakeholder support

Support category	Description
Health safety items	Masks, face visors, gloves, sanitizer, hand-wash soap, PPEs
Services (First Aid/ Sanitation/ Psychosocial/ Logistic/ Communication/ Electricity/ Cleaning wells and houses	First aid points, mobile toilets, warehouse, transport, backup communications, system, generators, well cleaning gear
Non food items	Mats, Bed Sheets other relief materials
Shelter	Tarpaulins, tents, tin sheets, transitional shelter

Emergency contacts

Responsible Agency/ unit	Officer	Contact	Email
Response Operation Coordination-DMC	Director- Emergency Response	0773957903	direoc@dmc.gov.lk
Emergency Operation Centre	Duty Officer	0773957900 0112670002	eocdmc@dmc.gov.lk
Military Resources Mobilisation Coordination	Military Coordinator	0772095328	milcord@dmc.gov.lk

Thank you

**Preparedness Planning Division &
Emergency Operations Centre**

Disaster Management Centre

