



# Preparedness for response Southwest Monsoon 2025

Actions taken by the DMC

Disaster Management Centre  
Ministry of Defence  
8<sup>th</sup> May 2025

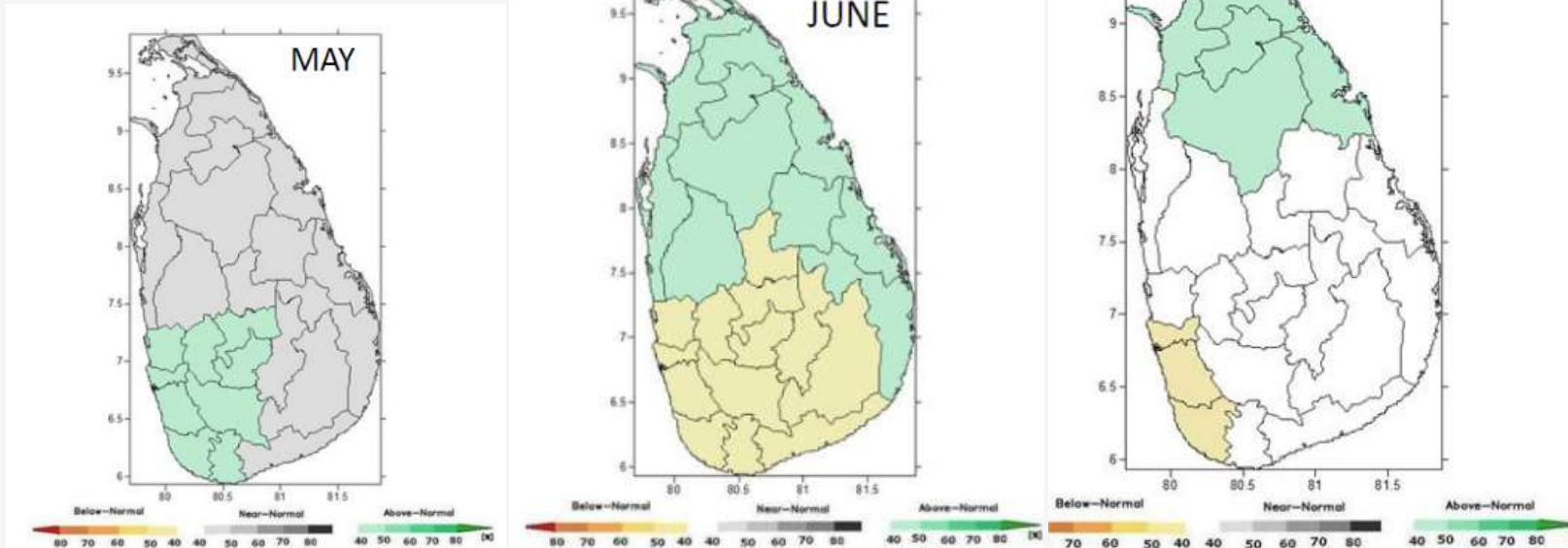
# Outline

- 1 South-West Monsoon forecast predicted by the DOM
- 2 Past disaster Impact analysis
- 3 Preparation for SW monsoon
- 4 Early Warning Dissemination
- 5 Emergency response



# Seasonal forecast for Southwest Monsoon 2025

Below to near normal rainfall can be expected in Western, Southern, and Sabaragamuwa provinces, and near – above normal rainfall can be expected in rest of the areas



**May** - Near or slightly above normal rainfall over SW parts

**June** - Below normal over Western, Southern, Sabaragamuwa, Central and Uva provinces, and near or slightly above normal elsewhere

**July** - Near or slightly above normal over Northern province and Trincomalee and Anuradhpura districts and below normal over CBO, Kalutara and Galle and no signal for other areas


 ජාතික වියා ගුවානන සේවය  
 National Meteorological Service  
 Department of Meteorology  
 TF : 011 266000  
 Fax : 011 266144  
 E-mail : metinfo@gmail.com  
 Web : www.met.gov.lk

For Land Area:








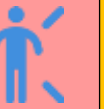


Strong wind advisory for the next three days.

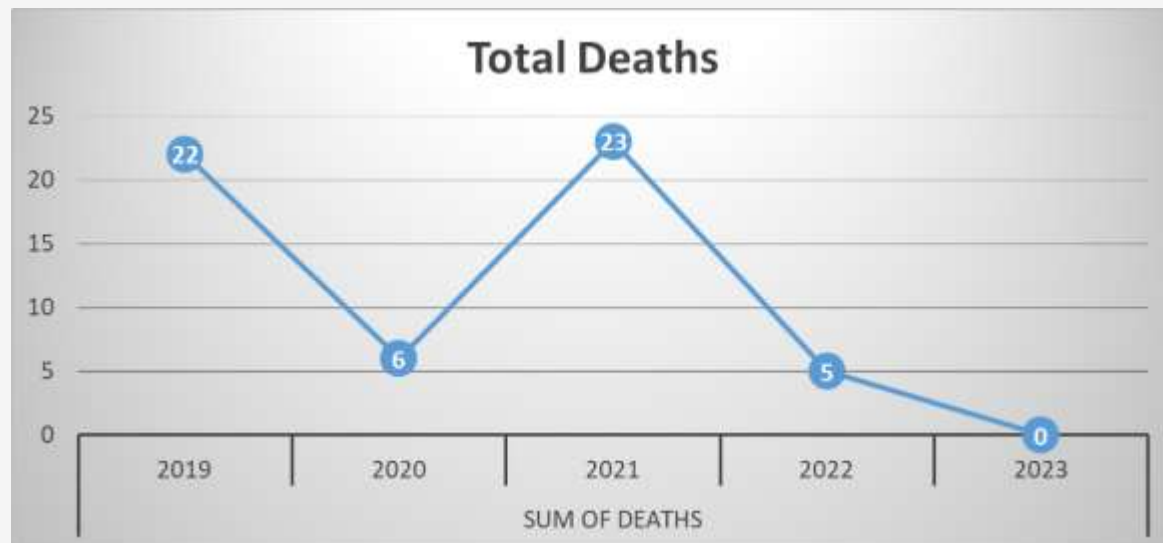
Province	28 <sup>th</sup> Nov.	29 <sup>th</sup> Nov.	30 <sup>th</sup> Nov.
Northern	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times
North-Central	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times
Eastern	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times
Sabaragamuwa	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times	Fauly Strong winds (30-40) kph.
Western	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times	Fauly Strong winds (30-40) kph.
Southern	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times	Fauly Strong winds (30-40) kph.
Uva	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times	Fauly Strong winds (30-40) kph.
North-Western	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times
Central	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times	Strong winds (40-50) kph at times

Heavy rain advisory for the next three days

Province	District	28 <sup>th</sup> Nov.	29 <sup>th</sup> Nov.	30 <sup>th</sup> Nov.
Northern	Mullaitivu	Heavy rain (40-50) mm at times	Heavy rain (40-50) mm at times	Overcast at times
	Jaffna	Heavy rain (40-50) mm at times	Heavy rain (40-50) mm at times	Overcast at times
	Vavuniya	Heavy rain (40-50) mm at times	Heavy rain (40-50) mm at times	Overcast at times

# Disaster impact analysis during the SWM season from 2019-2023

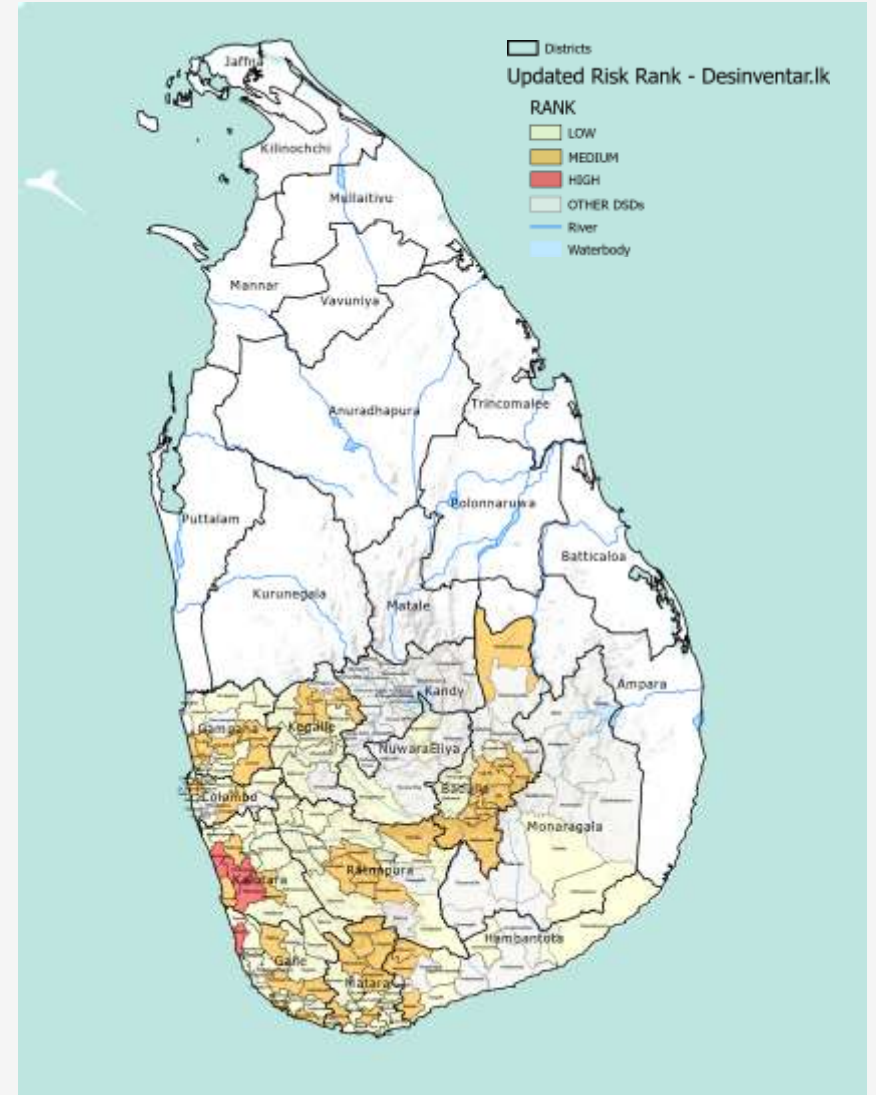
Year	2019			2020			2021			2022			2023		
Event	No of Events			No of Events			No of Events			No of Events			No of Events		
Cutting Failure	22	1	629	32	0	389	36	2	2304	58	1	761	38	0	404
Land Slide	11	0	639	1	1	2	8	5	305	10	0	201	2	0	57
Strong Wind	601	18	30,202	618	3	33,770	289	2	11,026	325	1	5910	432	0	10691
Flood	18	3	4,788	34	2	14,833	153	14	354868	44	3	52,139	57	0	22,630
<b>TOTAL</b>	<b>652</b>	<b>22</b>	<b>36,258</b>	<b>685</b>	<b>6</b>	<b>48,994</b>	<b>486</b>	<b>23</b>	<b>368,503</b>	<b>437</b>	<b>5</b>	<b>59,011</b>	<b>530</b>	<b>0</b>	<b>38,669</b>



# Potential Impact Scenario for SWM 2025

District	# Individuals/ Persons
Badulla	571
Batticaloa	103
Colombo	17843
Galle	4271
Gampaha	45968
Hambantota	485
Kalutara	1430
Kandy	2565
Kegalle	2036
Kurunegala	1369
Matara	4467
Nuwara Eliya	1837
Puttalam	12141
Ratnapura	11046
<b>Grand Total</b>	<b>106132</b>

**Note:** Last five years data analyzed.



Source: Desinventar DMC

# SWM Impact in 2024

## Brief of the Status Report Summary ( 2024.05. 15 to 2024. 05. 31)

Districts	No. of DS Divisions	Disaster	Affected families	Affected people	Reported Deaths	Wounded people	Lost Persons	Full home Damage	Partial home damage	Families stay in relative homes	Persons stay in relative homes	No. of Safety places	No. of families	No. of persons
20	190	Flood, strong wind, Thundering, Tree falls,	4,399	15, 710	08	20	00	28	5,524	225	804	06	56	231

## Brief of the Status Report Summary ( 2024.06.01 to 2024. 06.13)

14	134	Flood, strong wind, Thundering, Tree falls,	76,059	287,702	25	15	04	83	8,736	276	1002	07	38	128
----	-----	---	--------	---------	----	----	----	----	-------	-----	------	----	----	-----



- No of Affected Families - 1011
- No of Affected People - 3124
- No of Deaths - 7
- No of Injured People - 15
- No of Fully Damaged Houses - 2
- No of Partially Damaged Houses - 978



# Past Impacts Due to SW Monsoon

**From 19/05/2024 To 28/05/2024**

2024.05.23	puttlam	Dankotuwa	Tree falls in Dankotuwa Girls collage.
		Chilaw	Tree falls in Anandha Maha Vidyalaya
		Puttam	Tree falls in Andru Collage
2024.05.22	Kurunagala	Polpithigama	Tree falls in Palakale primary school building, and 04 students were hospitalized
2024.05.20	kalutara	Kalutara	Tree falls in Ethanamadalla primary school.
2024.05.19	Colombo	Thibirigasyaya	Tree fall near Sirimavo Bandaranayake collage. Fire department removed the tree

## Seethawaka Puwakpitiya Incident (02 June 2024)

---

On 01.06.2024, Aheliyagoda received about 482 mm of rain. then due to the overflow of Wakmbaya and Labugama reservoirs, and on the morning of 02.05.2024, a flood occurred in 30GNDs in Sitawaka Divisional Secretariat Division.

- Number of families 814
- Number of people 3212



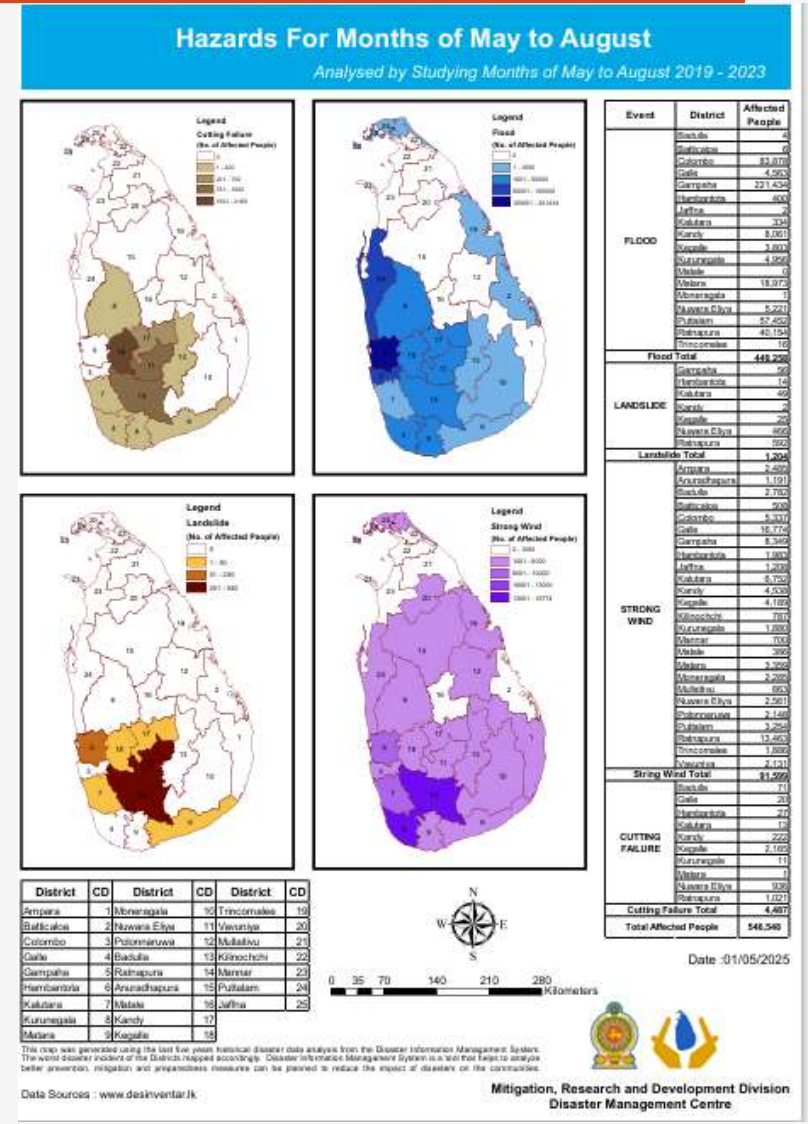
Three persons from the same family including a seven-year-old girl are reported dead after drowning in flood waters at Puwakpitiya, Awissawella in Colombo District.

A 36-year-old woman, her 78-year-old father and a 07-year-old daughter have died in due to flood in the Kekilla area in Puwakpitiya.

Meanwhile, another person has also died after being buried by a collapsing mound of earth at Puwakpitiya, Avissawella.

# Potential Hazards

- Riverine or Flash Flooding
- Land Slides/Mud Flows
- Population Displacement from Flood affected areas
- Health; leptospirosis, Dengue
- Road blockage and Collapse of Bridges
- Interruption of Utility services
- Impact on Livelihood and Food Insecurity
- Human and Livestock Casualties
- Lightning
- Drawing



# Plan of actions – Southwest monsoon 2024



Monsoon Operational plans being reviewed and updated



District/ Divisional meetings have been conducted



Potential impassable roads Identified and mapped



Regional resource hubs of Tri forces and other institutions being identified



Pre-positioning of response and relief items being coordinated



SAR teams identified and to be deployed based on SW forecast



Emergency communication tested and installed



Small mitigation projects are identified



---

# Specific focus for Southwest Monsoon 2025

## Warning

- Verification (messaging from upper catchment areas through DoI, Police etc.)
- Nighttime dissemination (Police and military communication modes)
- Communication equipment backup (standby power generators, charged batteries, fuel stocks )

## Evacuation

- SAR at night (Pre-deployed SAR teams with PPE and equipment)
- Adequate number of safety centres
- Safety centre facilities and special security plans

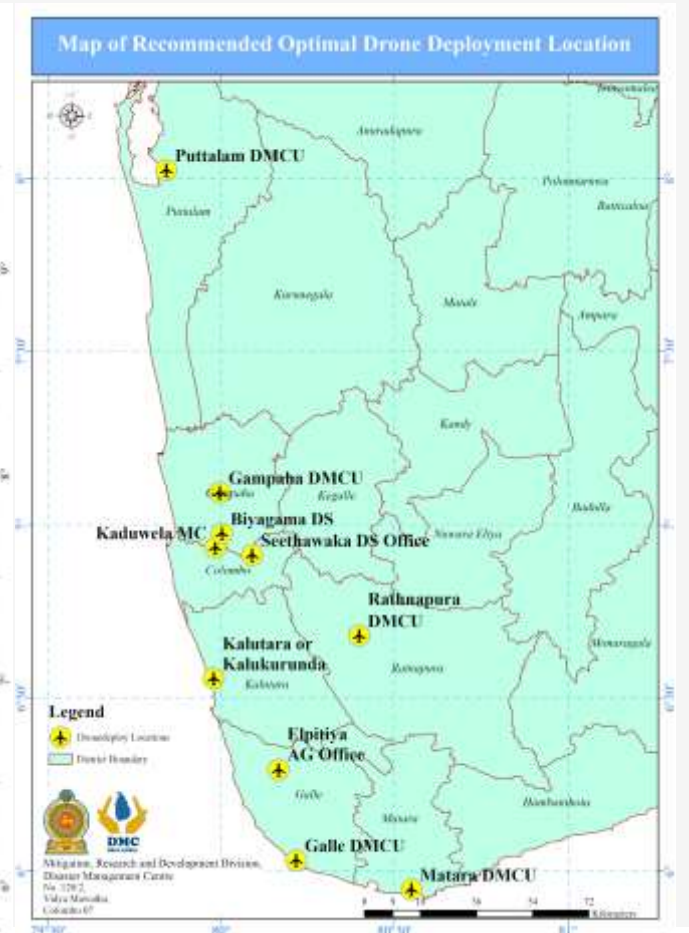
## Coordination

- Impact data collection and assessments (Divisional sub-groups are formed on data management)
- Emergency mapping (use of satellite imagery and 72-hour approach for impact assessment)
- Stakeholder discussion at national and district level (District and divisional level stakeholder discussions completed and disseminated the plans for emergency management)

# How to use the drone technology for SWM

A meeting was held at DMC on the utilization of drone for impact assessment/ disaster response/ rescue operations for disaster situations were held on 28<sup>th</sup> April 2025. Following stakeholders participated and discussed on

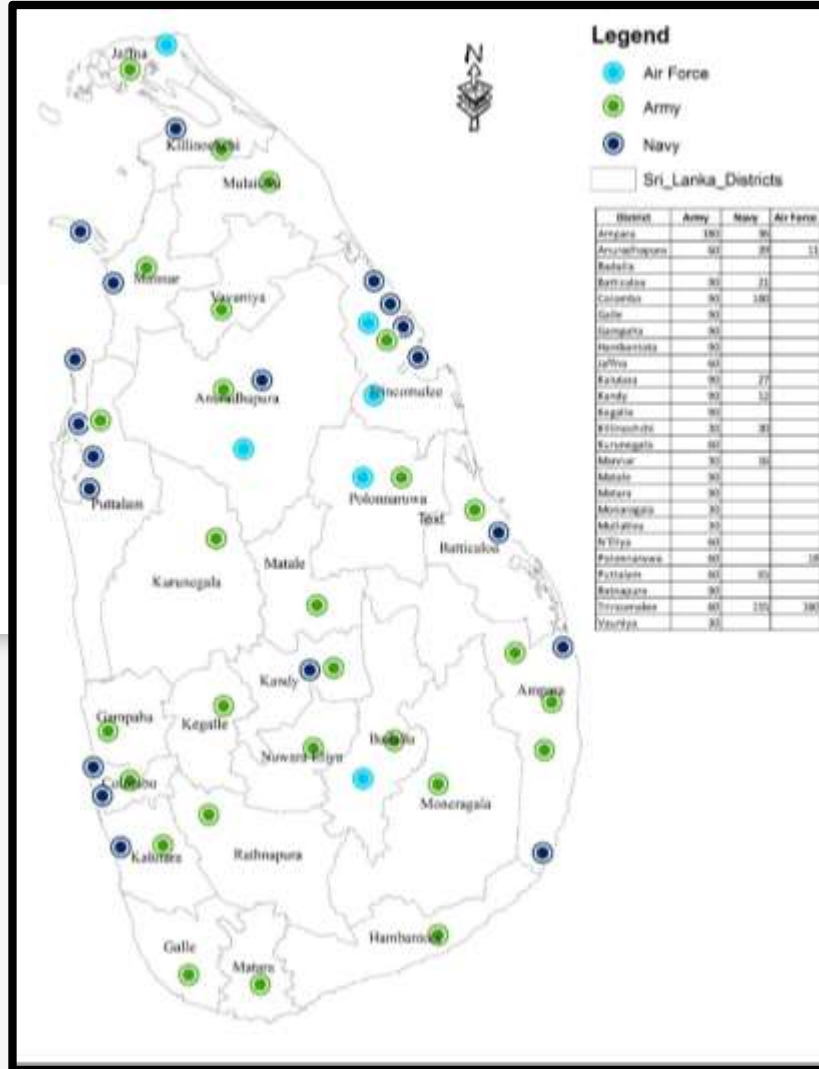
- 1 SL Army, SL Navy, SL Air force, Cost Guard Department, STF
- 2 To discuss the potential role of drone units in supporting disaster response operations during the Southwest.
- 3 To explore mechanisms for effective inter-agency coordination
- 4 To plan a simulation-based tabletop exercise to enhance preparedness and operational integration





# Emergency response

Emergency operation center is coordinating response agencies 24\*7 to respond for any disaster in Sri Lanka with all district disaster management coordinating units. For the southwest monsoon they have allocated troops from all try forces, police, coastguard and civil Security Defense.



Source: Emergency operation Center, DMC

District	Army	Navy	Air Force	Cost Guard	Police	CSD
Ampara		09	16			
Anuradhapura		27	24			
Badulla	175		20		50	
Batticaloa		08	16			
Colombo	245	45	65	10	150	
Galle	140	40	20	8	50	
Gampaha	105	19	72		50	
Hambantota	105	10	36		50	
Jaffna		46	20			
Kalutara	175	09	16		50	
Kandy	140	12	08		50	
Kegalle	105				50	
Killinochchi		43	16			
Kurunegala	105	09			50	
Mannar		48				
Matale	175		16		50	
Mataru	105	10			50	
Monaragala		12				
Mullativu		05	16			
N'Elia	105		16		50	
Polonnaruwa			24			
Puttalam	105	48	16		50	
Ratnapura	140	03			50	
Trincomalee		106	49			
Vauniya			31			

# Deployments at SWM Prone Districts



**ARMY**

	Total
Boats	38
Catamaran	13
OBM	21
9.9 HP	24
40 HP	23
Safety Jacket	1483
Drone	0

**NAVY**

	Total
Boats	60
Catamaran	0
25 HP	27
40 HP	31
Safety Jacket	458
Drone	0

**AIR FORCE**

	Total
Bots	11
Catamaran	0
15HP	1
25 HP	6
40 HP	6
Safety Jacket	230
Drone	4

**POLICE**

	Total
Boats	54
Catamaran	0
15HP	2
20HP	1
25 HP	36
40 HP	4
100HP	1
105HP	40
Safety Jacket	0
Drone	0

**COST GUARD**

	Total
Boats	4
Catamaran	0
25 HP	0
40 HP	4
Safety Jacket	40
Drone	4

**CSD**

	Total
Boats	2
OBM	1
25 HP	0
40 HP	0
Safety Jacket	82
Drone	0



# THANK YOU

[www.dmc.gov.lk](http://www.dmc.gov.lk)

## EMERGENCY CONTACTS

Emergency Call Center	-	117
Emergency Operation Center	-	0112670002 / 0112432364
Virtual Private Network (VPN)	-	0773957900 / 0779117117
Emergency Operation Center Police Station	-	0113138109
Emergency Operation Center (Fax)	-	0112670079 / 0112671458
National Disaster Relief Services Centre (NDRSC)	-	0112665258