

# Sri Lanka

## Northern Province Flood Situation Update



Report as at 1500hrs on 2018.12.23



**Disaster Management  
Centre**



**DEPARTMENT OF METEOROLOGY  
SRI LANKA**



**Department of  
Irrigation**



**National Building  
Research Organisation**



**National Disaster  
Relief Services Centre**

Ministry of Public Administration & Disaster Management

**CONTENTS**

1. SITUATION SUMMARY ..... 3

2. CURRENT SITUATION..... 4

3. RESPONSE ACTIONS.....4

4. FLOOD IMPACT ..... 5

5. FLOOD RESPONSE AND RESCUE OPERATIONS .....7

6. ENDORSEMENT ..... 9

ANNEXES ..... 11

## SITUATION SUMMARY

- ◆ **A heavy rainfall was occurred northern parts of Sri Lanka 21 December 2018, caused flash floods mainly in three districts in northern Province. More than 350mm rainfall received to Mankulam are during 24hour caused spilling of water tanks in these areas.**
- ◆ **Search & rescue teams were mobilized together with boats. 670 military and police officials were mobilized immediately for search and rescue operations. Many of standard families are rescued and sent to safety centers in Kilinochchi and Mullative Districts.**
- ◆ **44,959 people (13,646 families) have been affected (the Disaster Situation Report , DMC at 1200 hours on 23rd December 2018) in 5 Districts. NDRSC has provided 5 million cash allocations to the 5 District Secretariats and will mobilize further funds based on the needs to address the immediate and early recovery needs of the affected populations.**
- ◆ **Affected districts are Mulaitvu, Kilinochchi, Mannar,Vavuniya and Jaffna counting 8,539 people and over 2,661 families are displaced (23rd Dec 2018 1200hrs).**

No of affected Districts	<b>5</b>
No of affected Divisional Secretariats	<b>12</b>
Total no of families affected	<b>13,646</b>
No of members affected	<b>44,959</b>
Total no of missing persons reported	<b>0</b>
Total no of injured reported	<b>0</b>
Total no of Fully damaged houses	<b>6</b>
Total no of partially damaged houses	<b>151</b>
No of safety centers reported	<b>52</b>
No of families in safety centers	<b>2,661</b>
No of Persons in Safety centers	<b>8,539</b>

## CURRENT SITUATION

As per the Department of Meteorology, few places in Mulaitivu, Kilinochchi, Mannar, Jaffna and Vavuniya districts have received high rainfall. As of 22nd October at 8.30hrs received highest rainfalls are Mankulam 365.1mm, Muttaiyankuttikulam 318.9mm, Oddusudan 302.1mm, Jaffna 237.3mm, Alimankada 220.2 and Kilinochchi 237.3

22nd Dec 2018, approximately, 2,661 families have been evacuated into 52 welfare centres in 3 Districts due to flood .

Water levels are receding at the moment however water stagnation are reported in some places. Spill gates are opened in Iranamadu tank.

Meanwhile, DoM is forecasting; Showers or thundershowers will occur at times in the Northern Province. Several spells of shower will occur in Eastern and North-central provinces. Showers or thundershowers will occur elsewhere particularly after 2.00p.m.

Fairly heavy falls above 75mm can be expected at some places in the Central, Sabaragamuwa provinces and in Vauniya and Mannar districts.

## Response Actions

The EOC of the DMC has coordinated with Military agencies and Police to mobilize troops for response actions. So far 1,078 members with response equipment are mobilized in three districts to support ground efforts.

Cooked meals have been given by divisional administration with the support of DMC & NDRSC and military personnel for all displaced people in 3 Districts. Three forces reacted promptly for the affected areas since early morning on 22nd December with the coordination of the EOC.

Over 719 people have been evacuated to safe areas by military troops in Mulaitivu, Kilinochchi and Jaffna Districts.

Military provided first meal last night and now Divisional authorities providing all safety centres with cook foods. Families in water receded areas started to go back to their homes.

Hon Minister of Disaster Management, together with Secretary and other senior officers will be traveling to affected Districts to have discussions with District & Divisional Officials.



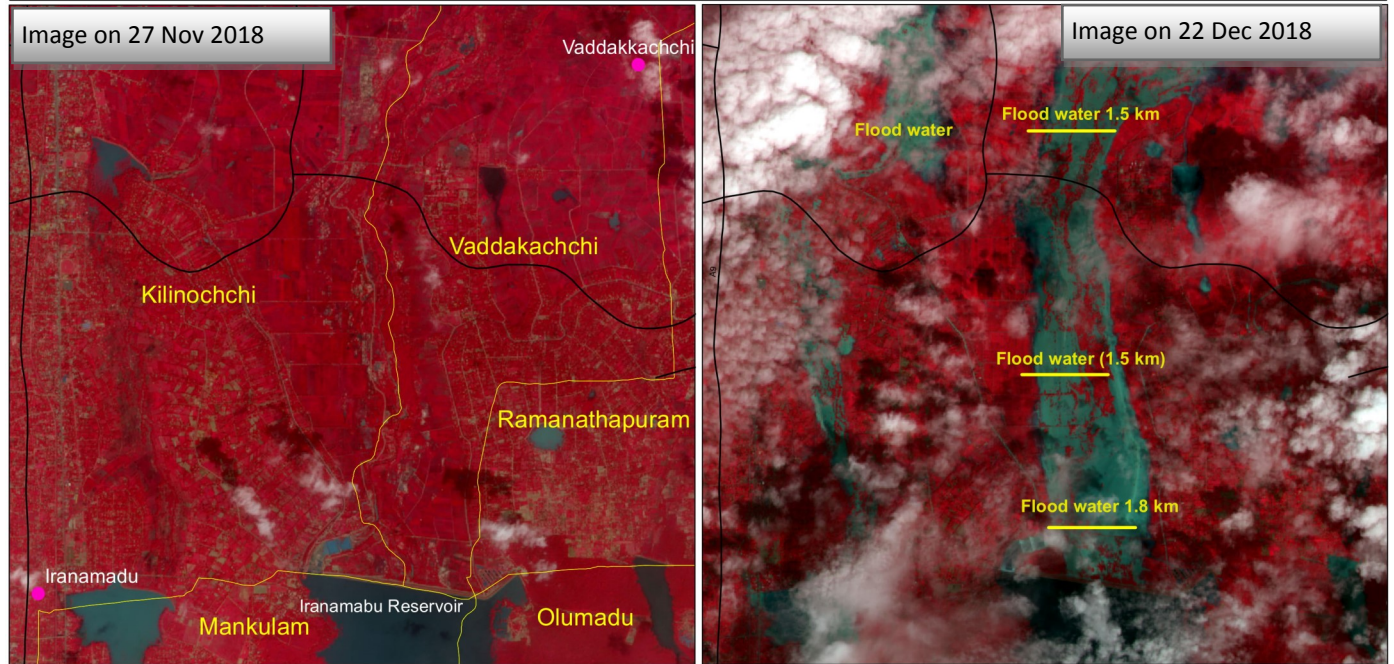


# FLOOD IMPACT

## Kilinochchi District

### Mapping Inundation extent of Kilinochchi district Sri Lanka using Sentinel-2 Satellite Data (22 December 2018)

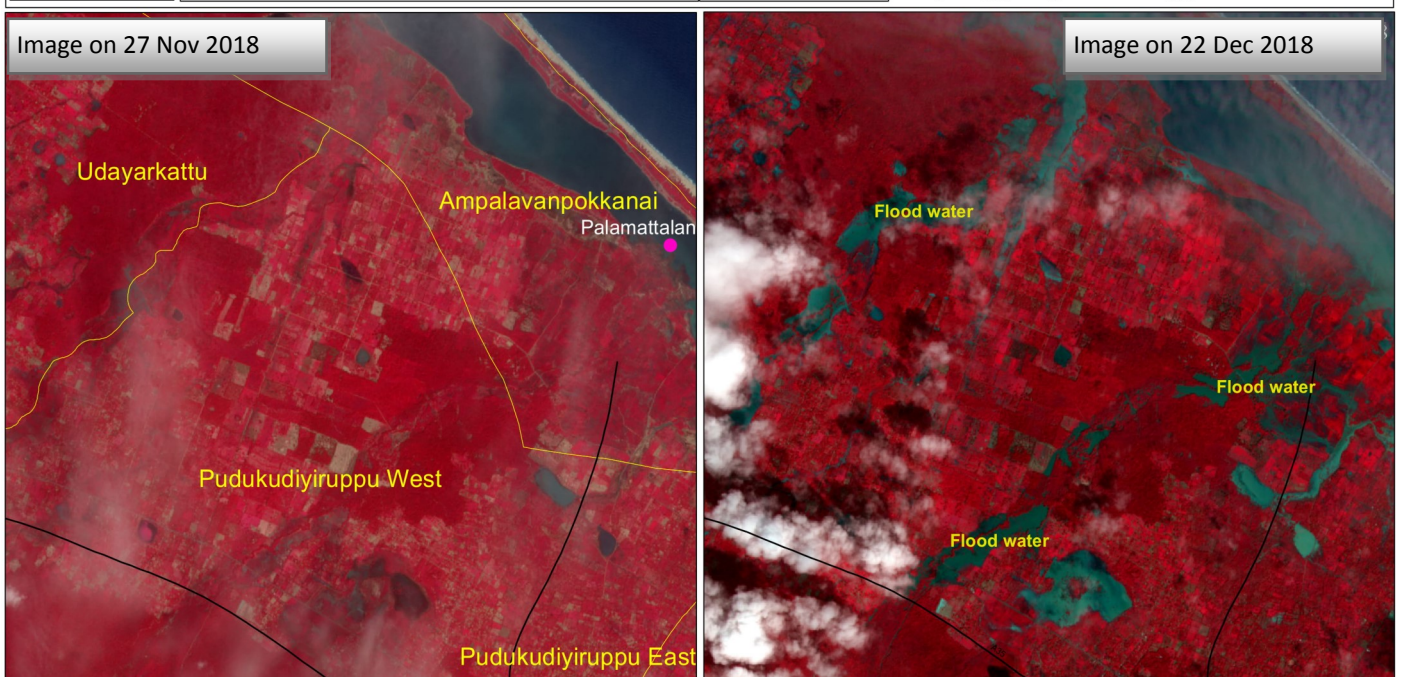
	<p>Several areas in Kilinochchi and Mullativu district of Northern Province have been flooded in due to heavy rainfall in last two day. According to the Metrological Department of Sri Lanka, Mankulam has received the maximum rainfall of 365.1mm while oddusudan received 302mm last 24 hours. The Disaster Management Center (DMC) approximately 250 families in Oddusudan and Murukkai area have been evacuated and totally 9,161 individuals are affected and the rescue operations are being carried out.</p> <p>The Irrigation Department confirmed that all spill gates of the Iranamadu Reservoir have been open. Due to a Mankulam dam collapse several roads have been blocked.</p>	<p><b>Legend</b></p> <p>Satellite Image : Sentinel-2 22 December 2018</p> <ul style="list-style-type: none"> <li>• Cities/Town</li> <li>— Road</li> <li>□ Grama Niladari Division</li> </ul> <p>22 Dec 2018   FL-2018-0001-SL   Version 1</p>	<p>Map Prepared by</p> <p>The analysis excluded permanent water bodies including reservoir, tanks and ponds and this reflects only the inundation extent. Please note the surface water extent mapped has not yet been validated in the field.</p> <p>The depiction and use of boundaries, geographic names and related data shown in these maps are based on the sources they have been drawn from and quoted. These are neither error-free nor do they imply official endorsement or the position of IWMI.</p> <p>Data Provider</p> <p>0 0.75 1.5 3 Km</p>
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## Mullaitivu District

### Mapping Inundation extent of Mullaitivu district Sri Lanka using Sentinel-2 Satellite Data (22 December 2018)

	<p>Several areas in Kilinochchi and Mullaitivu district of Northern Province have been flooded in due to heavy rainfall in last two day. According to the Metrological Department of Sri Lanka, Mankulam has received the maximum rainfall of 365.1mm while oddusudan received 302mm last 24 hours. The Disaster Management Center (DMC) approximately 250 families in Oddusudan and Murukkai area have been evacuated and totally 9,161 individuals are affected and the rescue operations are being carried out.</p> <p>The Irrigation Department confirmed that all spill gates of the Iranamadu Reservoir have been open. Due to a Mankulam dam collapse several roads have been blocked.</p>	<p><b>Legend</b></p> <p>Satellite Image : Sentinel-2 22 December 2018</p> <ul style="list-style-type: none"> <li>• Cities/Town</li> <li>— Road</li> <li>□ Grama Niladari Division</li> </ul> <p>22 Dec 2018   FL-2018-0001-SL   Version 1</p>	<p>Map Prepared by</p> <p>The analysis excluded permanent water bodies including reservoir, tanks and ponds and this reflects only the inundation extent. Please note the surface water extent mapped has not yet been validated in the field.</p> <p>The depiction and use of boundaries, geographic names and related data shown in these maps are based on the sources they have been drawn from and quoted. These are neither error-free nor do they imply official endorsement or the position of IWMI.</p> <p>Data Provider</p> <p>0 0.75 1.5 3 Km</p>
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# FLOOD RESPONSE AND RESCUE OPERATIONS

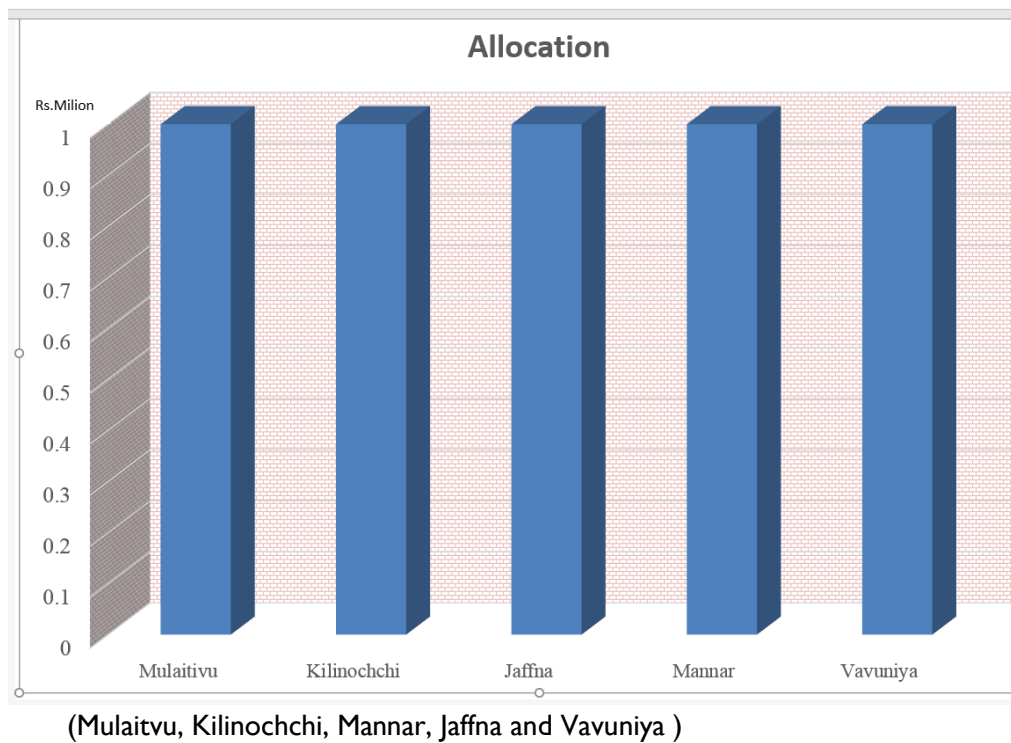
**Table 01: Details of Tri Forces allocation to the emergency response**

(Mulaitvu, Kilinochchi, Mannar, Jaffna and Vavuniya )

Deployed

SN	Tri Force	Officers	Others	Total	Equipment
1	Navy	3	33	36	09 boats
2	Army	50	594	644	
3	Air force				
4	Police	6	392	398	
<b>Total</b>		<b>59</b>	<b>1019</b>	<b>1078</b>	





**FIGURE 4:**  
**Disaster Relief Assistance advanced by NDRSC—**

NDRSC has allocated 5 Million Sri Lankan rupees to the most affected districts in order to assist the severely affected populations ( See Figure 04).

Report produced at the Emergency Operation Centre (EOC) of the Disaster Management Centre (DMC)  
 Ministry of Public Administration & Disaster Management  
 Technically supported by UN World Food Programme


Brig W A Ariyaratna RWP RSP  
 Director Emergency Operations  
 Disaster Management Centre

Dr. S. Amalanathan  
 Director General,  
 Disaster Management Centre

# List of Annexes

## I. Summary of the Situation

### Situation Summary

 <b>අපදා කළමනාකරණ මධ්‍යස්ථානය</b> <b>இலங்கை அபදா கළමனாக்கல் மையம்</b> <b>DISASTER MANAGEMENT CENTRE</b> Secretary, Ministry of Public Administration & Disaster Management																				
අපදා ප්‍රදේශය Province	#	අපදා ප්‍රදේශ நிர்வாக පිටිය Administrative puvvie		අපදා විකෘති Disaster	අපදා ඇරඹීමේ දිනය Date of commencement	අපදාට ලක්වූ ප්‍රදේශයේ Affected People		මිය ගිය මරණ Deaths	අසාදිත වැඩිහිටි පුද්ගලයන් Injured People	අසාදිත වැඩිහිටි පුද්ගලයන් Missing People	අසාදිත වැඩිහිටි පුද්ගලයන් Fully Damaged Houses	අසාදිත වැඩිහිටි පුද්ගලයන් Partially Damaged Houses	අනෙකුත් වැඩිහිටි පුද්ගලයන් Other Damages	අනතුරු වැඩිහිටි පුද්ගලයන් Safety Locations	අනතුරු වැඩිහිටි පුද්ගලයන් Families	අනතුරු වැඩිහිටි පුද්ගලයන් Persons	වෙනත් වැඩිහිටි පුද්ගලයන් Remarks			
		අපදා ප්‍රදේශ District	අපදා ප්‍රදේශ DS Division			අපදාට ලක්වූ වැඩිහිටි පුද්ගලයන් Families	අපදාට ලක්වූ වැඩිහිටි පුද්ගලයන් People													
බටහිර පළාත Northen	1	මුලතිව් Mullatiivu	Oddusudan	Flash Flood	2018.12.22	739	2397	0	0	0	2	4	0	0	16	820	1989	5 SAR team rescued nearly 200 families and arranged cooked meals		
			Puthukudiyiruppu			1891	6330	0	0	0	0	0	0	0	0	7	532	1540	3 SAR team rescued nearly 250 families and arranged cooked meals	
			Thunukkai			310	928	0	0	0	0	0	0	0	0	1	50	155	3 SAR team rescued nearly 200 families and arranged cooked meals	
			Manninepattu			822	2815	0	0	0	0	0	0	0	0	1	38	115	3 SAR team rescued nearly 200 families and arranged cooked meals	
			Manthai East			32	81	0	0	0	0	0	0	0	0	0	0	0	0	Two tank are spilling and inform to relevant department
<b>මුලතිව් ප්‍රදේශයේ මුළු සංඛ්‍යාව</b>						<b>3794</b>	<b>12651</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>25</b>	<b>1240</b>	<b>3805</b>				
බටහිර පළාත Northen	2	කිලිනොච්චි Kilinochchi	Karachchi	Flash Flood	2018.12.21	1021	3689	0	0	0	4	4	0	0	10	419	1623	10 SAR team rescued nearly 200 families and arranged cooked meals		
			Kandawalai			7386	24032	0	0	0	0	0	0	0	11	821	2556	10 SAR team rescued nearly 200 families and arranged cooked meals		
			Pachchilipallai			1088	3613	0	0	0	0	0	0	0	0	5	154	570	10 SAR team rescued nearly 200 families and arranged cooked meals	
			Mannar Town			27	85	0	0	0	0	0	0	0	0	26	1384	4649	10 SAR team rescued nearly 200 families and arranged cooked meals	
			Nanattan			12	66	0	0	0	0	0	0	0	0	1	27	85	Seiwan Common Building 12 Boats & 83 engines have damaged.	
<b>කිලිනොච්චි ප්‍රදේශයේ මුළු සංඛ්‍යාව</b>						<b>77</b>	<b>281</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>				
බටහිර පළාත Northen	3	වවුනියා Vavuniya	Vavuniya North	Flash Flood	2018.12.21	77	281	0	0	0	0	0	0	0	0	0	0	0		
			Manubankerny			273	708	0	0	0	0	0	0	0	0	0	0	0		
			<b>වවුනියා ප්‍රදේශයේ මුළු සංඛ්‍යාව</b>						<b>273</b>	<b>708</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
			<b>බටහිර පළාතේ මුළු සංඛ්‍යාව</b>						<b>13646</b>	<b>44959</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>151</b>	<b>0</b>	<b>0</b>	<b>52</b>	<b>2661</b>	<b>8539</b>	
			<b>මුළු සංඛ්‍යාව</b>						<b>13646</b>	<b>44959</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>151</b>	<b>0</b>	<b>0</b>	<b>52</b>	<b>2661</b>	<b>8539</b>	

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