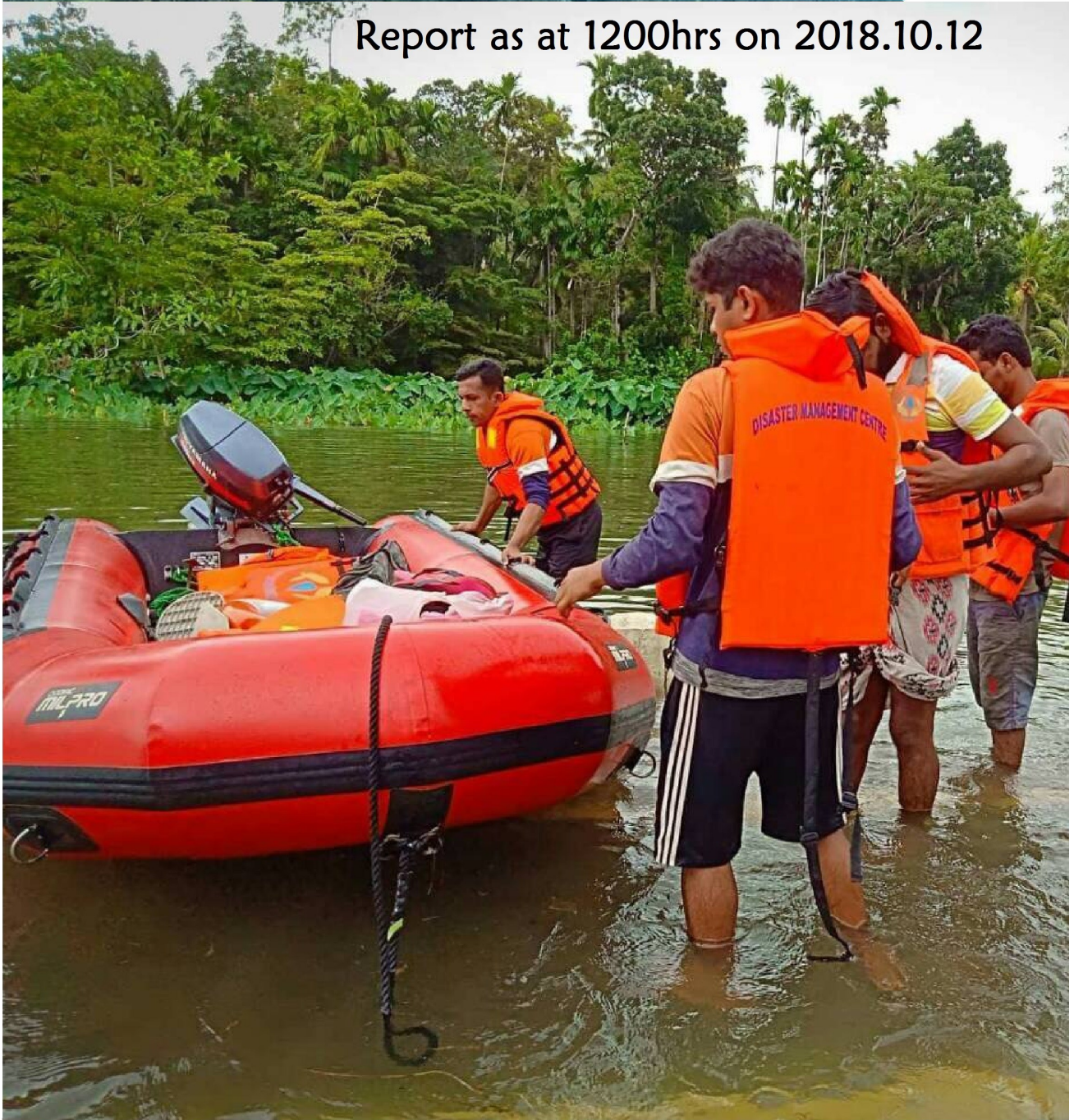


Sri Lanka

Disaster Situation Update



Report as at 1200hrs on 2018.10.12



**Disaster Management
Centre**



**DEPARTMENT OF METEOROLOGY
SRI LANKA**



**Department of
Irrigation**



**National Building
Research Organisation**



**National Disaster
Relief Services Centre**

Ministry of Irrigation and Water Resources & Disaster Management

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SITUATION SUMMARY

- ◆ **A heavy rainfall together with high winds was occurred across several parts of Sri Lanka between 01 to 12 October 2018, caused flash floods mainly in twelve districts, including Southern, Western, North-Western and Sabaragamuwa Provinces.**
- ◆ **Early-warnings reached to the affected people and evacuations were done covering the people who are at risk . Search & rescue teams were mobilized and boats were kept as ready to deploy to the affected districts. 670 military and police officials were mobilized immediately for search and rescue operations.**
- ◆ **75,689 people (18,840 families) have been affected (the Disaster Situation Report , DMC & National Disaster Relief Services Centre (NDRSC) at 1000 hours on 12th October 2018) and 12 deaths were reported in 5 Districts. NDRSC has provided 38.51 million cash allocations to the 13 District Secretaries to address the immediate needs of the affected populations.**
- ◆ **Heavily affected districts are Kalutara, Galle, Colombo and Gampaha counting 2002 people and over ,435 families are displaced (12th Oct 2018 1000hrs).**
- ◆ **River water levels at many stations are gradually decreasing, as the rainfall recorded in the catchments during the last 24 hours ending 0830 hours is lower compared to the rainfall received in 5 and 6 October 2018.**

No of affected Districts		16
No of affected Divisional Secretariats		111
Total no of families affected		18,840
No of members affected		75,689
Total no of death reported	Cutting Failure -8 (Galle- 2,Kalutara-6)	12
	Drowning -2 (Ratnapura -1,Colombo-1)	
	Tree Fall - 2 (Kegalle -1, Ratnapura-1)	
Total no of missing persons reported		0
Total no of injured reported		18
Total no of Fully damaged houses		50
Total no of partially damaged houses		2,653
No of safety centers reported		11
No of families in safety centers		435
No of Persons in Safety centers		2002

CURRENT SITUATION

As per the Department of Meteorology, few places in Galle Kalutara, Colombo & Gampaha districts have received high rainfall. As of 7th October at 8.30hrs received highest rainfalls are Galle 334.1mm, Padukka 186mm, Colombo Fort 109.3mm, Kirindiwela 89.2mm.

As of today, approximately, 435 families have been evacuated into 11 welfare centres in 5 Districts due to flood and landslide risks. As of now 12 deaths were reported to the Disaster Management Centre.

Two Tropical storms persisted in Arabian Sea and Bay of Bengal are moving away from the country and reduction of rainfall is expected from today onwards.

Department of Meteorology reported last 24 hours rainfall observed in main stations ended on morning hours of 12 October 2018 showing reduction of rainfall in many areas; in Monaragala 21.9mm, Rathmalana 10.9mm . The highest rainfall recorded was around 110.0mm in Wellawaya, Monaragala District However, based on received rainfall since 12th October 2018, rainfall has been reduced in catchment areas and affected areas and flood waters are receding, allowing response and relief services to be more effective.

Landslide watch is still effective Galle District.

Landslide Red alert is still effective in Kalutara, district.

Response Actions

The EOC of the DMC has coordinated with Military agencies and Police to mobilize troops for response actions. 48 officers and 2,260 soldiers with response equipment are standby for required deployments.

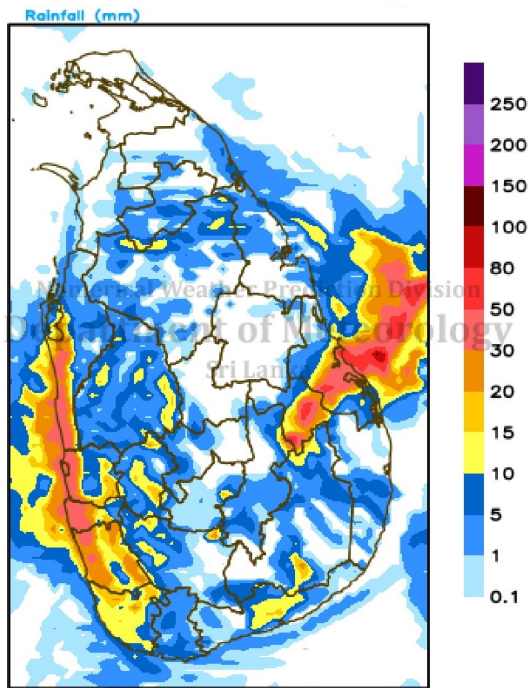
Cooked meals have been given by divisional administration with the support of DMC & NDRSC and military personnel for all displaced people in 4 Districts.

Over 1,000 people have been evacuated to safe areas by military troops in Galle and Kalutara Districts. Debris due to flood water has been cleared by response personnel in Biyagama, Palindanuwara, Ingiriya, Wakwella, Agaliya, Walallawita divisional areas.

Rain water blockage was cleared in Nagalagam street area due to establishment of salt water de-intrusion dyke by the SLRDCC. The Ministry has immediately requested to take action to mitigate this issue to reduce impact of heavy rains.



FIGURE 01: Rainfall received 09 October 2018 ending at 8.30am on 12 Oct 2018



Latest Sat Image
Source: Indian Meteorology

As a result of Tropical Cyclone “Titly” the heavy rains were occurred in South western, Sabaragamu areas over 5-7 October 2018. Since the system moving away from Sri Lankan east coast the effect is slowly fading out as of today. However sudden increase of rain and winds are still potential and considerable rainfall received to Uva areas.

The effects of Tropical cyclone “Luban” in the Arabian sea has been moved from western coast of the country and no more major influence to the weather in Sri Lanka. The inter-monsoon has been established over the country now and today onward evening showers are expected.

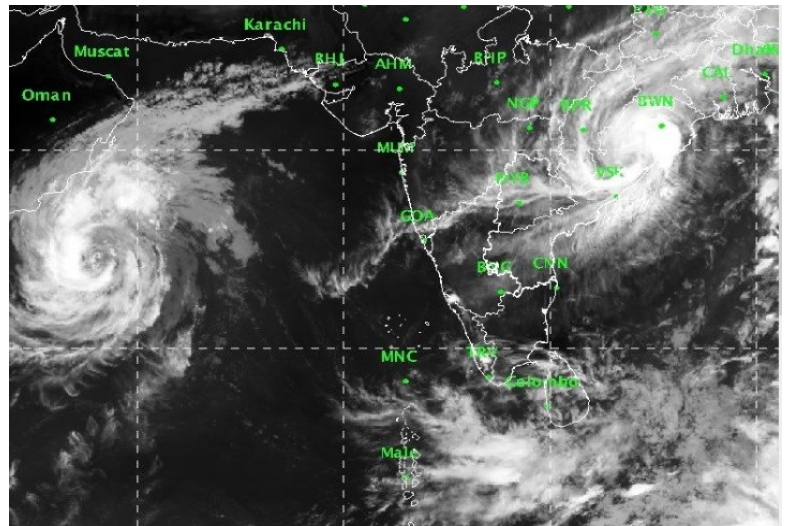
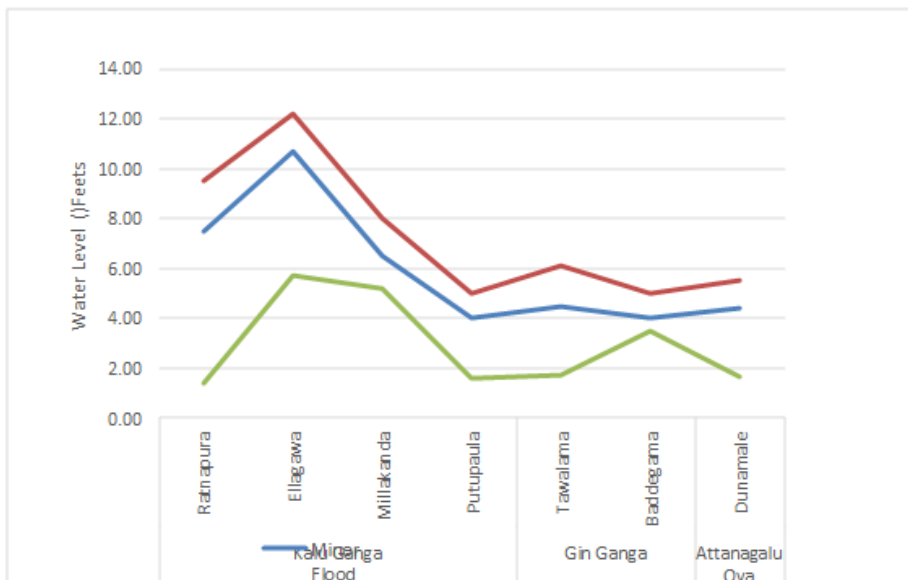


FIGURE 02: River water level, 0930 hours 12 October 2018



Reservoir Levels

Spill gates opened as 2 gates of Rajanganaya by 01 feet and 01 gate of Laxapana by 08 inch since 6th October 2018 up to now. River gauges in Kalu River (Ganga) showing alert level and other rivers are showing normal levels in rained areas.

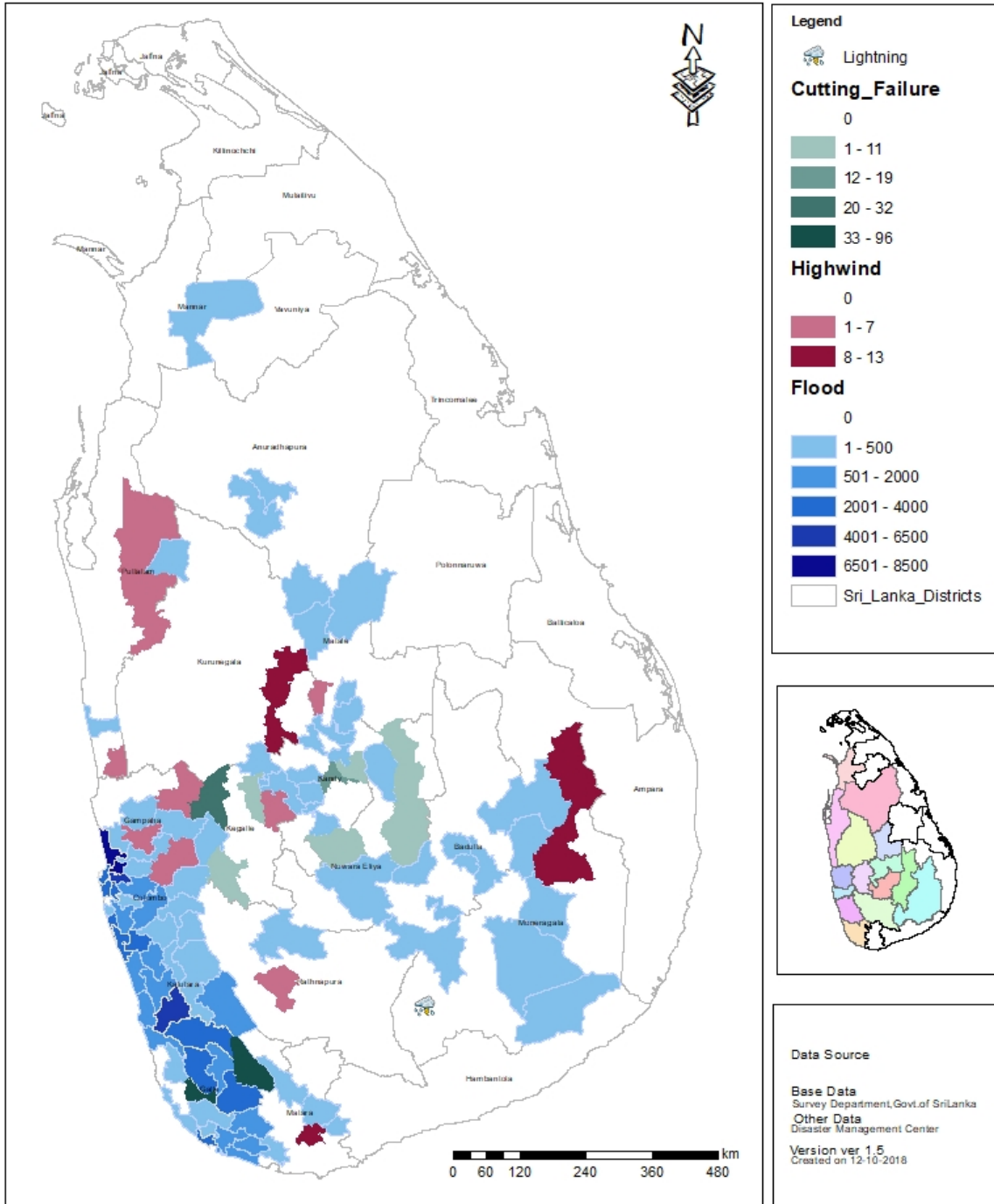
Source: Department of Irrigation

FLOOD & HIGH WIND IMPACT

FIGURE 03: Affected Districts and Divisions for Priorities, 12 October 2018



Disaster Management Centre People Affected by Flood/Highwind/Cutting Failure as at 12/10/2018



FLOOD RESPONSE AND RESCUE OPERATIONS

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

(Galle, Kalutara, Puttalam, Colombo, Gampaha, Monaragala)

Deployed

SN	Tri Force	Officers	Others	Total	Equipment
1	Navy				
2	Army	4	68	72	3 Boats, 3 WMZ, 2 Iron horse
3	Air force				
4	Police				
Total		4	68	72	

Stand by

SN	Tri Force	Officers	Others	Total
1	Navy	9	216	225
2	Army	39	1020	1059
3	Air force		1024	1024
4	Police			
Total		48	2260	2308

Resources allocation to the Police

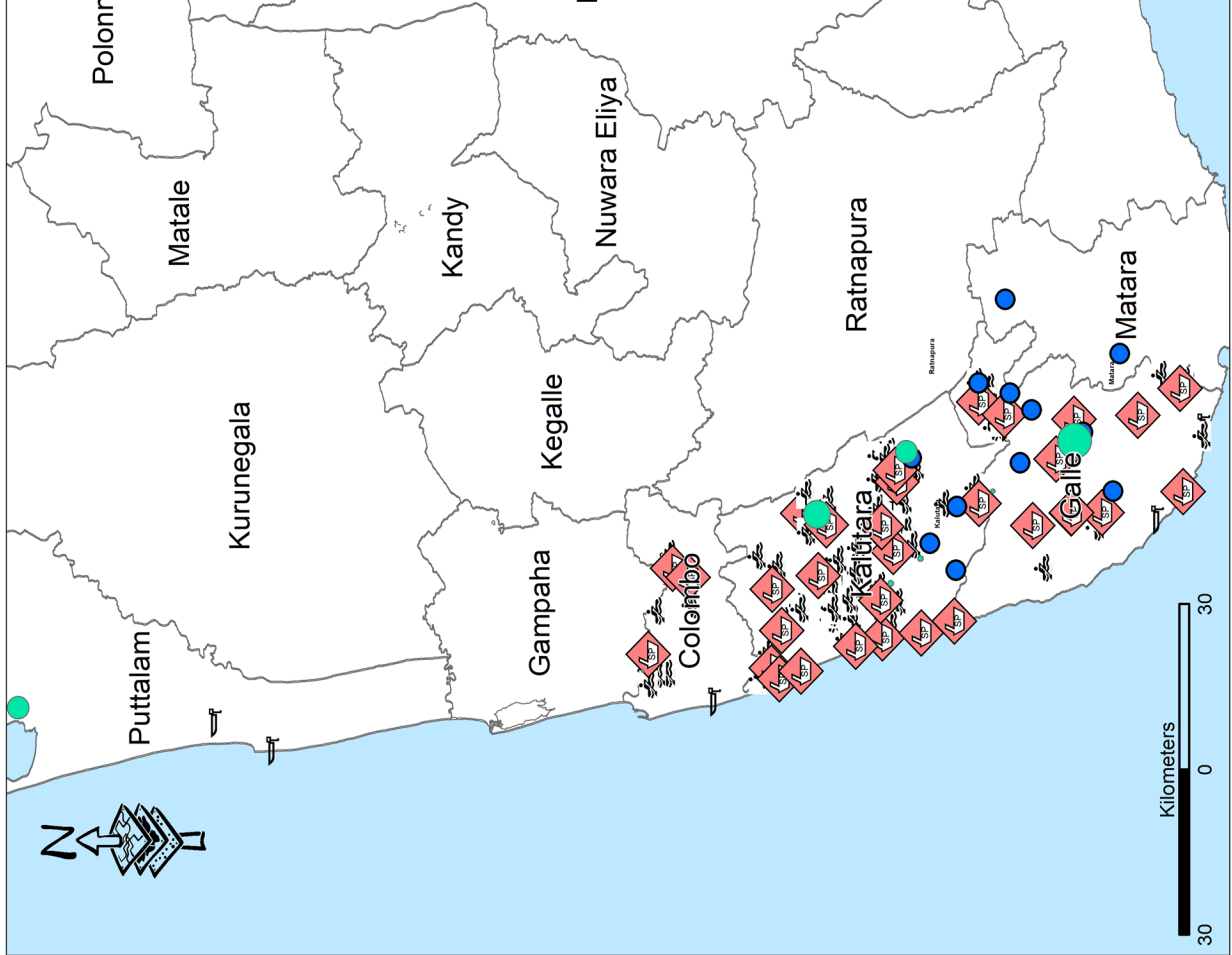
SN	District	Engine Boat	Catamaran	Boat
1	Kalutara	02	04	06
2	Matara			03
3	Colombo	15		
Total		17	04	09

Emergency Resources & Military Troops Location Map (Emergency Operation Purposes)

Monaragala/ Galle/ Kalutara/ Puttalam/ Colombo Districts

Army Troops Deployment as at 06.00 a.m. 10.10.2018		Qty
District	Task / Place	
Monaragala	Reconstruction of the watagalaara lake - Wellawaya	00 x 16
		00 x 25
Galle	Pittigala (2 Sri Lanka Army Pioneer Corps)	00 x 28
	Divisional Secretariat Nagoda	01 x 10
	00 x 10	
Kalutara	9 Gammon Rejiment- Yatadolawatta	01X12
	Police Station Welipenna	00X10
	Divisional Secretariat Palindanuwara	01X16
	Divisional Secretariat Bulathsinhala	00X10
Puttalam	143 Security Force Headquarters- Puttalam	00X02
Colombo	9 Sri Lanka Light Infantry- Kelanimulla	00X03
	Total	03X141

Navy Troops Deployment as at 06.00 10.10.2018						
S.No	District	Divisional Secretariat	Boats	Troops allocation		
				No	Place	
1	Kaluthara	Welipenna	1	3	Welipenna	
		Walalawita	2	6	Walalawita	
		Palinda Nuwara	1	4	Palinda Nuwara	
		Paragoda	1	3	Paragoda	
		Neluwa	2	14	Neluwa	
		Nagoda	1	7	Nagoda	
2	Galle	Thawalama	1	8	Thawalama	
		Hiniduma	1	8	Hiniduma	
		Kotapola	1	8	Kotapola	
		Akuressa	1	8	Akuressa	
		Niyagama	1	8	Niyagama	
		Baddegama	1	7	Baddegama	
				14	84	
		Total				



Legend

- Army Troops
- Navy Troops
- Boat with Engine
- Catamaran
- Boat
- District Boundary

Location Map

Data Source

Base Data
Survey Department, Govt. of Sri Lanka

Flood Data
Satellite - ALOS, TerraSAR-X, RADARSAT
Observation - 2008, 2014, 2017

Ground Data
Irrigation Department

Statistics
Department of Census and Statistics
(Census - 2011)

Other Data
Disaster Management Centre

Version Ver 1.3
Created on: 10 - 10 - 2018
Last Update: 10 - 10 - 2018

Disaster Management Centre
Ministry of Irrigation, Water Resources
and Disaster Management

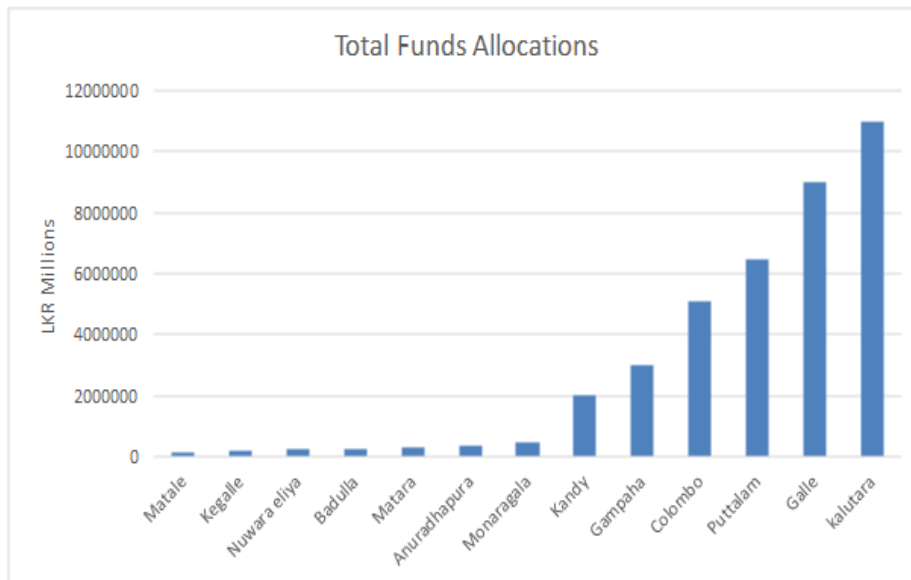


FIGURE 04: Disaster Relief Assistance advanced by NDRSC— As of 12 October 2018

NDRSC has allocated 38.51 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 Irrigation, Water resources and Disaster Management
 Technically supported by UN World Food Programme

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

Dr. S. Amalanathan
 Director General,
 Disaster Management Centre

Weather forecast

WEATHER FORECAST FOR 12th OCTOBER 2018 (Issued at 05.30 a.m. on 12th October 2018)

Showers or thundershowers will occur in Western and Southern provinces and in Rathnapura District. Fairly heavy falls about 75 mm can be expected at some places.

Showers or thundershowers will occur several places elsewhere particularly after 2.00p.m.

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.

බස්නාහිර සහ දකුණු පළාත්වලත් රත්නපුර දිස්ත්‍රික්කයේත් වැසි හෝ ගිගුරුම් සහිත වැසි ඇති වන අතර ඇතැම් ස්ථානවලට මි.මී. 75 පමණ තරමක් තද වැසි ඇති විය හැක.

දිවයිනේ සෙසු ප්‍රදේශවල විශේෂයෙන් සවස 2.00 න් පමණ පසුව වැසි හෝ ගිගුරුම් සහිත වැසි ඇති වේ.

ගිගුරුම් සහිත වැසි ඇති වන විට එම ප්‍රදේශවල තාවකාලිකව තද සුළං ඇති විය හැක. අකුණු මඟින් සිදුවන අනතුරු අවම කර ගැනීමට අවශ්‍ය 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 12th October 2018)

Showers or thundershowers will occur at times in the sea areas extending from Colombo to Batticaloa via Galle and Hambantota.

Winds will be South-westerly in direction and wind speed will be 30-40 kmph in the sea areas around the island.

The sea areas extending from Hambantota to Batticaloa via Potuvil can be fairly rough at times as the wind speed can increase up to 50 kmph at times.

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 12 දින උදෑසන 05.30 ට නිකුත් කරන ලදී.

කොළඹ සිට ගාල්ල සහ හම්බන්තොට හරහා මඩකලපුව දක්වා වන මුහුදු ප්‍රදේශවල විටින් විට වැසි හෝ ගිගුරුම් සහිත වැසි ඇති වේ.

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හම්බන්තොට සිට පොතුවිල් හරහා මඩකලපුව දක්වා වෙරළට ඔබ්බෙන් වන මුහුදු ප්‍රදේශවල සුළගේ වේගය විටින් විට පැ.කි.මී.50 දක්වා වැඩිවීමේ හැකියාවක් පවතින අතර විටින් විට තරමක් රළු විය හැක.

ගිගුරුම් සහිත වැසි ඇති වන විට එම ප්‍රදේශවල තාවකාලිකව තද සුළං ඇති විය හැකි අතර එවිට එම මුහුදු ප්‍රදේශ තාවකාලිකව රළු විය හැක


කාලගුණ විද්‍යාඥ (Duty Meteorologist),
කාලගුණ විද්‍යා දෙපාර්තමේන්තුව (Department of Meteorology)



Rivers Water Level Update—Department of Irrigation

Islandwide Water Level Situation in Major Rivers

DATE : 12-Oct-2018

TIME : 09.30 AM

River	Gauging Station							Water Level before 1hr	Water Level at 9.00 am	Remarks	Water Level Rising or Falling
	Station	Coordinate	Catchment Area (km ²)	Unit	Alert Level	Minor Flood Level	Major Flood Level				
Kelani Ganga (RB 01)	N' Street	6° 57' 35" N 79° 52' 36.6" E	2085	ft	4.00	5.00	7.00	1.35	1.05	Normal	
	Hanwella	6° 54' 39.38" N 80° 05' 3.16" E	1782	m	7.00	8.00	10.00	2.62	2.59	Normal	
	Glencourse	6° 58' 25" N 80° 11' 3" E	1463	m	15.00	16.50	19.00	10.24	10.19	Normal	
	Holombuwa	7° 11' 6.6" N 80° 15' 53.3" E	155	m	3.00	3.40	5.00	0.69	0.69	Normal	
	Deraniyagala	6° 55' 23.23" N 80° 20' 20.3" E	183	m	4.80	5.80	6.40	0.85	0.84	Normal	
	Kitulgala	6° 59' 25" N 80° 24' 50" E	383	m	3.00	4.00	6.00	1.75	1.80	Normal	
	Norwood	6° 50' 8.32" N 80° 36' 52.75" E	97	m	1.50	2.00	2.15	0.79	0.79	Normal	
Kalu Ganga (RB 03)	Ratnapura	6° 40' 43.2" N 80° 23' 49.8" E	603	m	5.20	7.50	9.50	1.40	1.37	Normal	
	Ellagawa	6° 43' 54" N 80° 13' 4.2" E	1393	m	10.00	10.70	12.20	5.78	5.73	Normal	
	Millakanda	6° 37' 50.3" N 80° 9' 37.7" E	780	m	5.00	6.50	8.00	5.21	5.21	Alert	
	Putupaula	6° 36' 51.9" N 80° 3' 44.2" E	2598	m	3.00	4.00	5.00	1.70	1.62	Normal	
Gin Ganga (RB 09)	Tawalama	6° 20' 33.3" N 80° 19' 55.2" E	377	m	4.25	4.50	6.10	1.76	1.75	Normal	
	Baddegama	6° 10' 25" N 80° 10' 33.1" E	749	m	3.50	4.00	5.00	3.52	3.49	Normal	
Nilwala Ganga (RB 12)	Pitabeddara	6° 12' 48.2" N 80° 28' 34.5" E	310	m	3.25	4.00	5.00	0.51	0.50	Normal	
	Panadugama	6° 08' 00" N 80° 29' 00" E	445	m	5.00	6.00	6.50	3.56	3.56	Normal	
	Urawa	6° 14' 11.8" N 80° 34' 18" E	59	m	2.50	3.00	4.00	0.15	0.15	Normal	
Kirindi Oya (RB 22)	Tanamalwila	6° 28' 5.9" N 81° 8' 2.8" E	749	m	4.00	5.00	5.50	0.80	0.75	Normal	
	Wellawaya	6° 42' 33.3" N 81° 6' 41.6" E	172	m	4.40	5.40	5.90	0.74	0.74	Normal	
	Kuda Oya	6° 31' 28.8" N 81° 07' 24" E	291	ft	20.00	25.00	26.00	2.25	2.15	Normal	
Maduru Oya (RB 54)	Padiyatalawa	7° 23' 0" N 81° 11' 30" E	159	m	4.00	4.50	6.00	0.27	0.27	Normal	
Kumbukkan Oya (RB 31)	Nakkala	6° 53' 42.4" N 81° 17' 49.3" E	216	m	5.00	6.00	7.50	0.70	0.70	Normal	
Heda Oya (RB 36)	Siyambalanduwa	6° 54' 16.5" N 81° 32' 44.4" E	295	m	4.50	5.00	5.60	0.34	0.34	Normal	
Mahaweli Ganga (RB 60)	Peradeniya	7° 16' 3" N 80° 36' 30" E	1168	m	5.00	7.00	9.00	2.28	2.74	Normal	
	Nawalapitiya	7° 2' 55" N 80° 32' 3" E	176	m	3.00	4.00	4.50	1.06	1.06	Normal	
	Weragantota	7° 19' 0" N 80° 59' 18.3" E	4092	m	5.00	6.00	8.00	-2.20	-2.23	Normal	
	Manampitiya	7° 54' 53.3" N 81° 5' 10" E	7418	m	3.50	3.70	4.00	-0.59	-0.61	Normal	
	Taldena	7° 5' 26.7" N 81° 2' 53.3" E	276	m	3.00	4.00	5.00	0.64	0.67	Normal	
	Calidonia	6° 54' 8.3" N 80° 42' 00" E	148	m	-	-	-	0.95	0.95	-	
Yan Oya (RB 67)	Horowpatana	8° 34' 39.44" N 80° 52' 43.25" E	720	m	6.00	7.30	10.44	1.42	1.42	Normal	
Malwathu Oya (RB 90)	Tantirimale	8° 35' 13.57" N 80° 16' 31.14" E	2116	m	6.75	7.25	-	1.47	1.46	Normal	
Mee Oya (RB 95)	Galgamuwa	7° 58' 13.3" N 80° 15' 18.3" E	299	m	4.84	5.94	7.00	0.15	0.14	Normal	
Maha Oya (RB 102)	Badalgama	7° 18' 3.3" N 79° 58' 50" E	1360	ft	1.00	5.00	16.00	-9.40	-9.40	Normal	
	Giriulla	7° 19' 30" N 80° 6' 53.3" E	1192	m	6.00	6.00	6.50	1.22	1.22	Normal	
Attanagalu Oya (RB 103)	Dunamale	7° 7' 0" N 80° 4' 54.5" E	153	m	3.30	4.40	5.50	1.66	1.64	Normal	

Prepared by : G.A.S.A.Jayamal
Checked by : D.A.Somawickrama

Date : 2018-10-12

Time : 1010

D (Ops)/DC/ADO

Eng.R.M.M.R.Alawathugoda
Director (Hydrology)

DISASTER MANAGEMENT CENTRE

Landslide Watch —National Building Research Organization

Locations for Potential Risk නායයුමේ අවදානම පැවතිය හැකි ප්‍රදේශ கனதியான அபாயமுள்ள இடங்கள்				
District	Divisional Secretariat Divisions and Locations			
	Level 1 (Yellow)	Level 2 (Amber)	Level 3 (Red)	Areas and places which need special attention
Kalutara		Horana, Dodangoda*, Madurawala* and Kalutara* Divisional secretariat divisions and surrounding areas	Walallawita, Bulathsinghala, Agalawatta, Mathugama, Palindanuwara and Ingiriya Divisional secretariat divisions and surrounding areas	All mountainous areas, manmade cut slopes and roads within the relevant DS divisions අදාළ ප්‍රාදේශීය ලේකම් කොට්ඨාශ තුළ පිහිටි කළුකර බෑවුම් හා ඒ ආශ්‍රිත ප්‍රදේශ තුළ පිහිටි නිර්මිත
Galle	Neluwa↓, Thawalama↓, Alpitiya↓, Niyagama↓, Nagoda↓ and Baddegama↓ Divisional secretariat divisions and surrounding areas	Yakkalamulla, Divisional secretariat division and surrounding areas		பிரதேச செயலக பிரிவினாள்ளான சகல மலைப்பாங்கான பகுதிகள் மற்றும் வெட்டப்பட்ட நிலச் சாய்வுகள் Specially: All the landslide susceptible areas previously identified by NBRO. විශේෂ: ජාතික ගොඩනැගිලි පර්යේෂණ සංවිධානය විසින් නායයුමේ අවදානමක් ඇති ලෙස පූර්වයෙන් හඳුනාගෙන ඇති ප්‍රදේශ விசேடமாக: NBROவினால் முன்னர் அடையாளப்படுத்தப்பட்ட மண்சரிவுக்கான ஏதுநிலையுள்ள சகல பிரதேசங்கள்.
Note: ↑shifted one level up, ↑↑shifted two levels up, ↓shifted one level down, ↓↓shifted two levels down. *newly added with the last update				
Special Note: These warning levels are issued based on the cumulative rainfall received to respective areas				