# Sri Lanka

# Disaster Situation Update







Disaster Management Centre





Department of Irrigation





## **CONTENTS**

I. SITUATION SUMARY	3
2. CURRENT SITUATION	4
3. RESPONSE ACTIONS	4
4. RAINFALL STATUS	5
5. FLOOD AND HIGH WIND IMPACT	6
6. FLOOD RESPONSE AND RESCUE OPERATIONS	7
7. RESOURCE MAP	8
8. ENDORSEMENT	9
ANNEXES	1

#### SITUATION SUMMARY

- ♦ A heavy rainfall together with high winds was occurred across several parts of Sri Lanka between 01 to 14 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.

In the second se		
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	Drowning -10  ( Ratnapura -1,Colombo-1 Galle- 2,Kalutara-6)  Tree Fall - 2 (Kegalle -1, Ratnapura-1)	12
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 I I welfare centers in 5 Districts due to flood and landslide risks. As of now 12 deaths were reported to the Disaster Management Centre.

Department of Meteorology reported last 24 hours rainfall observed in main stations ended on morning 0830hours of 14 October 2018 showing reduction of rainfall in many areas; in Batuwangala 69.0mm, Kanthale 57.0mm. The highest rainfall recorded was around 82.2mm in Kalavedi Ulpotha, Anuradhapura District However, based on received rainfall since 14th 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 Kalutara and Galle Districts.

#### **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.

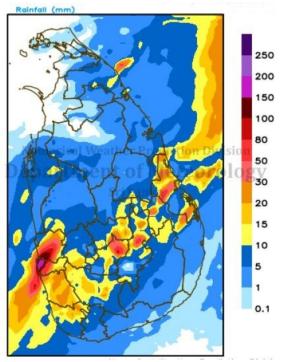
Cooked meals have been given by divisional administration with the support of DMC & NDRSC and military personnel for all displaced people in 4 Districts.

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 14 Oct 2018



crease 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 establishes over the country now and today onward

evening showers are expected.

As a result of Tropical Cyclone "Titly" the heavy rains were oc-

curred in South western, Sabaragamu areas over 5-7 October

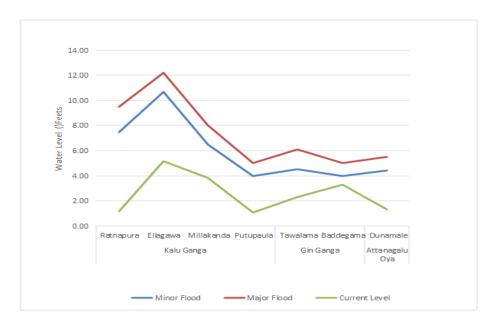
2018. Since the system moving away from Sri Lankan east coast the effect is slowly fading out as of today. However sudden in-

MILE (YB ) Yangori Ata (YB ) Y

Latest Sat Image

**Source: Indian Meteorology** 

FIGURE 02: River water level, 0930 hours 14 October 2018



#### **Reservoir Levels**

Spill gates opened as 01 gate of Laxapana by 09 inch since 6th October 2018 up to now.

River gauges in all Major rivers are showing normal levels in rained areas.

**Source: Department of Irrigation** 

#### **FLOOD & HIGH WIND IMPACT**

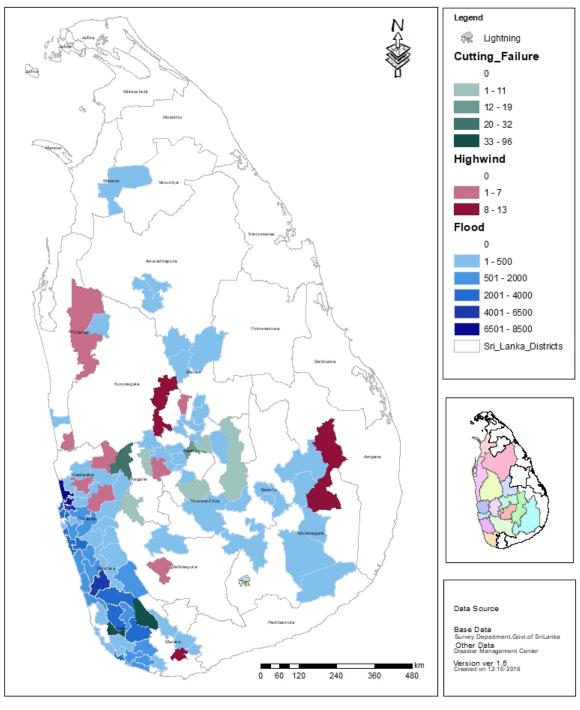
FIGURE 03: Affected Districts and Divisions for Priorities, 14 October 2018



### 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

Flood Data Satellites - ALOS, TerraSAR X, RADARSA' Observation - 2008, 2014, 2017 **Puttalum/ Colombo Districts** Boat with Engine Base Data Survey Department, Govt. of Sri Lanka Monaragala/ Galle/ Kalutara/ District Boundary Statistics Department of Census and Statistics (Census - 2011) Location Map Navy Troops Army Troops Version Ver 1.3 Created on: 10 - 10 - 2018 Last Update: 10 - 10 - 2018 Catamaran Ground Data Irrigation Department Data Source Boat Legend ·# 01 × 10  $00 \times 25$  $00 \times 10$ 00X10 01X12 00X10 01X16  $00 \times 16$ 00 x 28 00X02 00X03 03X141 Palinda Nuwara ĝ Welipenna Walallawita Baddegama Place Thawalama Troops allocation Hiniduma Kotapola Akuressa Paragoda Neluwa Nagoda Reconstruction of the watagalaara lake - Wellawaya Army Troops Deployment as at 06.00 a.m. 10.10.2018

District Task / Place Navy Troops Deployement as at 06.00 10.10.2018 ž 143 Security Force Headquarters- Puttalam Pitigala (2 Sri Lanka Army Pioneer Corps) 9 Gammon Rejimnent- Yatadolawatta 9 Sri Lanka Light infantry-Kelanimulla Divisional Secretariat Palindanuwara Divisional Secretariat Bulathsinhala Boats **Emergency Resources & Military Troops Location Map** 14 Divisional Secretariat Nagoda Police Station Welipenna Welipenna Walallawita Palinda Nuwara Secretariat Divisional Baddegama Thawalama Paragoda Hiniduma Niyagama Kotapola Akuressa Nagoda Neluwa Total Total **Emergency Operation Purposes)** Kaluthara District Galle Hambantota Polonn Monaragala Puttalam Colombo Kalutara S.No 7 Galle Nuwara Eliya Matale Kandy Ratnapura **∵**OMatara Kegalle Kurunegala Gampaha Coloimbo 30 Puttalam T Kilometers

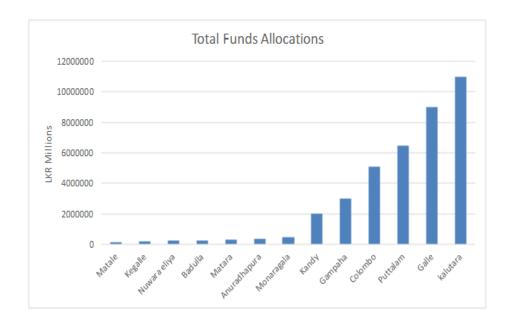


FIGURE 04: Disaster Relief Assistance advanced by NDRSC— As of 14 October 2018

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

#### **List of Annexes**

- I. Summary of the Situation
- II. Forecast by Department of Meteorology
- III. Water Level in Major Rivers (Dept of Irrigation)
- IV. Landslide Warning

## **Situation Summery**





Ministry of Irrigation and Water resource & Disaster Management National Disaster Relief Services Center (NDRSC) Situation Report As at 1000 Hrs On 12<sup>th</sup> of October 20<u>18</u>8



	පරිපාලන	ග පුදේශය			බලපැමට	ලක් වූ				නිව:	ස හානි	වෙනත් හානි 🕼	வறு சேதங்கள்	අතර	රක්ෂීත ස්ථා	ාන	
No	දිස්තුික්කය ගாவட்டம் District	පුං. ලේ. කො යෝ. බෙ - ඩාිෆිකු Division	දාපදාච ළැකාගුණුණ Disaster	අංරම්භක දිනය அனர்த்தம் ஆரம்பித்த திகதி Date of Commenced	පඩුල් සංබාහාව ලැගුරාධාක්සණ් Families	පුද්ගලයින් நபர்கள் Persons	මිය යැම ගොකෝණ සள් Deaths	තුවාල වූ පුද්ගලයින් සாயமடை ந்தோர்	අකුරුදහන් වූ පුද්ගලයින් සாணாமல் போனோர் Missing Persons	පුර්ණ භාති (y-cy Fully	අර්ධ හා පාර්ශවීය හානි பகுதி Partially	ສຸພິລ ນາ ພົບນ ປ່ວນ-ໜ້ ປ່ວນ-ປ້ສາ ຜ່ວນ ອຳຫຼຸມ ທຄູ່ສູຢິເມ (ພຸມເຫຼົ່ມຢືເຮຄຳ Small,Medium Enterprises Damages	ຈຸສາ වැදගන් ຜວິສາල ຜນສູສາອື වලට වූ அ!ໃນເພດ. ຜ່ ຜະນີ. ເສເນນ່ານຸ່ມ ຜະຄຳ Damages to critical infastructure	ආරක්ෂික ස්ථාන සංබයාව බෙන්නේස් නෙස Nos	පවුල් සංබාංච குடும்பங் கள் Families	පුද්ගලයින් நபர்கள் Persons	Total House Damages
1	Kalutara	14		6-Oct-18	5,361	20,856	6	5	0	26	1,065	212	0	1	12	48	1,091
2	Galle	15		6-Oct-18	4,283	16,522	2	0	0	18	897	399	9	1	5	17	915
3	Colombo	-12		6-Oct-18	4,651	18,678	1	0	0	1	274	6	0	2	65	328	275
4	Kegalle	7		5-Oct-18	26	101	1	3	0	0	22	5	0	0	0	0	22
5	Kandy	9		6-Oct-18	225	866	0	7	0	3	200	6	0	0	0	0	203
6	Puttalam	6		6-Oct-18	25	73	. 0	0	0	. 0	13	1	2	0	0	0	13
7	Nuwaraeliya	4	Flood/High	5-Oct-18	30	156	0	0	0	0	17	0	0	0	0	0	17
8	Gampaha	10	wind/Cutting	6-Oct-18	3,977	17,420	0	0	0	0	22	4	0	5	291	1,396	22
9	Kurunegala	3	Failure/Lightning/	6-Oct-18	6	27	0	0	0	0	6	0	0	0	0	0	6
10	Anuradhapura	4	Landslide	5-Oct-18	32	123	0	0	0	2	29	0	0	0	0	0	31
11	Rathnapura	2		2-Oct-18	- 4	19	2	1	0	0	2	0	0	0	0	0	2
12	Mannar	1		7-Oct-18	56	184	0	. 0	0	0	0	0	0	1	56	184	0
13	Matara	5		8-Oct-18	24	98	0	0	0	0	24	0	0	0	0	0	24
14	Badulla	6	4	4-Oct-18	79	328	0	. 2	0	0	21	0	0	1	6	29	21
15	Matale	6	1	3-Oct-18	15	58	0	0	0	0	15	0	0	0	0	0	15
16	Monaragala	7		5-Oct-18	46	180	0	0	0	0	46	0	0	0	0	0	46
		මුළු එකතුව/ගොத්தம்	/Total (111)		18,840	75,689	12	18	0	50	2,653	633	11	11	435	2,002	2,703

Prepared by
M.A.D.N Muthukuda
Development officer
National Disaster Relief Services Centre

Approved by I.C Pathiraja Director National Disaster Relief Services Centre

#### **Weather forecast**

## WEATHER FORECAST FOR 14th OCTOBER 2018 (Issued at 05.30 a.m. on 14th October 2018)

Showers or thundershowers will occur at most places over the island particularly after 2.00p.m.

Showers may occur in coastal areas of Western province and Galle and Matara districts during the morning too.

Fairly heavy falls above 75mm can be expected at some places in Central, Uva, Southern and Sabaragamuwa provinces and in Batticaloa and Polonnaruwa districts.

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.

දිවයිනේ බොහෝ පුදේශවල, විශේෂයෙන් සවස 2.00 න් පමණ පසුව වැසි හෝ ගිගුරුම සහිත වැසි ඇති වේ.

බස්නාහිර පළාතේ සහ ගාල්ල සහ මාතර දිස්තිුක්කවල වෙරළබඩ පුදේශවල උදාසන කාලයේදීත් වැසි ඇතිවිය හැක.

මධායම, ඌව, දකුණු සහ සබරගමුව පළාත්වලත් මඩකලපුව සහ පොළොත්තරුව දිස්තික්කවලත් ඇතැම් ස්ථානවලට මි.මී. 75 ට වැඩි තරමක් කද වැසි ද ඇති විය හැක.

ගිගුරුම් සහිත වැසි ඇති වන විට එම පුදේශවල තාවකාලිකව තද සුළං ඇති විය හැක. අකුණු මහින් 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 14th October 2018)

Showers or thundershowers will occur at several places in the sea areas extending from Colombo to Potuvil via Galle and Hambanthota.

Winds will be South-westerly in direction and wind speed will be 25-35 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 40-50 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 14 දින උදාසන 05.30 ට නිකුත් කරන ලදි.

කොළඹ සිට ගාල්ල සහ හම්බන්තොට හරහා පොතුවිල් දක්වා වන මුහුදු පුදේශවල තැනින් කැන වැසි හෝ ගිගුරුම සහිත වැසි ඇති වේ.

දිවයින වටා වන මුහුදු පුදේශවල සුළං නිරිත දිශාවෙන් හමන අතර සුළගේ වේගය පැ.කී.මී. 25-35 පමණ වේ.

හම්බන්තොට සිට පොතුවිල් හරහා මඩකලපුව දක්වා වෙරළට ඔබ්බෙන් වන මුහුදු පුදේශවල සුළගේ වේගය විටින් විට පැ.කි.මී.40-50 දක්වා වැඩිවීමේ හැකියාවක් පවතින අතර විටින් විට තරමක් රළු විය හැක.

ගිගුරුම් සහිත වැසි ඇති වන වීට එම පුලද්ශවල තාවකාලිකව තද සුළං ඇති විය හැකි අතර එවිට එම මුහුදු පුලද්ශ තාවකාලිකව රළු විය හැක.

s. 701.

කාලගුණ විදාහඥ (Duty Meteorologist), කාලගුණ විදාහ දෙපාර්තමේන්තුව (Department of Meteorology)



# Rivers Water Level Update—Department of Irrigation

No.   Station   Cordinate   Area (km²)   Unit   Level   Flood   Proof   100	DATE:	14-Oct-2018	- Islani	dwide Wate	Lev	ei Oitua	LIOTI III IVI	ajoi ixive	15	TIME :	09.30 AM	
River   Station   Cordinate   Catchment   Catchment   Cave   Ca			Gaugir	g Station					Water	Meter		Water
Normal   N	River	Station	Cordinate		Unit		Flood	Flood	before	Level at	Remarks	Level Rising of Falling
Hanwella   Se Set 39.38"   No   No   No   No   No   No   No   N		N' Street		2085	ft	4.00	5.00	7.00	1.45	1.00	Normal	
Kelani Ganga (RB 01)  Kelani Ganga (RB 01)  Holombuwa 7" 11" 6.6"		Hanwella	6° 54' 39.38" N	1782	m	7.00	8.00	10.00	1.93	1.92	Normal	
Rolani (RB 01)   Rolaniyagala   Rolombuwa   7° 11° 16.6° N   80° 15° 53.3° E   80° 12° 50° 20.3° E   80° 20° 20° 20.3° E   80° 20° 20° 20° E   80° 20° 20° 20° E   80° 20° 20° 20° E   80° 20° 20° 20° E   8		Glencourse	6° 58' 25" N	1463	m	15.00	16.50	19.00	9.87	9.85	Normal	
Deraniyagala   6° 55′ 23.23° N   80° 22° 02° E   183		Holombuwa	7° 11' 6.6" N	155	m	3.00	3.40	5.00	0.52	0.52	Normal	9
Kitulgala	(RB 01)	Deraniyagala	6° 55' 23.23" N	183	m	4.80	5.80	6.40	0.69	0.72	Normal	
Norwood   8-50-25-27   Norwood   Nor		30.3	6° 59' 25" N			3.00	4.00				Normal	
Ratapura   80° 36° 52.75° E   80° 23° 49.8° E   603   m   5.20   7.50   9.50   1.18   1.18   No				27 040								
Ratingura   80° 23° 49.8"   60° 34° 54° N   1.18				100			700 PROSESS	100000000000000000000000000000000000000			Normal	
Ralu Ganga (RB 03)		Ratnapura	80° 23' 49.8" E		m		Part and the last				Normal	
Millarahada		Ellagawa	80° 13' 4.2" E	1393	m	10.00	10.70	12.20	5.15	5.16	Normal	
Gin Ganga (RB 09)  Tawalama	(KB 03)	Millakanda	80° 9' 37.7" E	780	m	5.00	6.50	8.00	3.86	3.84	Normal	
Sin Ganga (RB 09)   Baddegama   80° 19′ 55.2° E   377   m   4.25   4.50   5.10   2.31   2.25   No.		Putupaula		2598	m	3.00	4.00	5.00	1.10	1.08	Normal	
RB 09    Baddegama	Gin Ganga	Tawalama 5		377	m	4.25	4.50	6.10	2.31	2.28	Normal	
Nilwala Ganga (RB 12)   Pitabeddara   6° 12′ 48,2" N 80° 28′ 34.5" E   310 m   3.25   4.00   5.00   0.92   0.90   No solidada (RB 12)   Panadugama   6° 08′ 00″ N 80° 29′ 00″ E   445 m   5.00   6.00   6.50   4.11   4.10   No solidada (RB 12)   Panadugama   6° 08′ 00″ N 80° 29′ 00″ E   445 m   5.00   6.00   6.50   4.11   4.10   No solidada (RB 12)   Panadugama   6° 08′ 00″ N 80° 29′ 00″ E   445 m   5.00   6.00   6.50   4.11   4.10   No solidada (RB 12)   Panadugama   6° 08′ 00″ N 80° 29′ 00″ E   445 m   5.00   6.50   4.11   4.10   No solidada (RB 12)   Panadugama   6° 08′ 18″ E   59 m   2.50   3.00   4.00   0.59   0.57   No solidada (RB 2)   Panadugama   6° 28′ 59″ N 80° 34′ 18″ E   172 m   4.40   5.40   5.90   0.68   0.68   No solidada (RB 2)   Padiyatalawa   6° 42′ 33.3" N 80° 38′ 30″ E   159 m   4.00   4.50   6.00   0.24   0.24   No solidada (RB 54)   Padiyatalawa   6° 53′ 42.4" N 81° 11′ 30″ E   159 m   4.00   4.50   6.00   0.24   0.24   No solidada (RB 68)   Panadugama   7° 16′ 3″ N 81° 17′ 49.3" E   216 m   5.00   6.00   7.50   0.66   0.65   No solidada (RB 68)   Panadugama   7° 16′ 3″ N 81° 32′ 44.4″ E   295 m   4.50   5.00   5.60   0.30   0.30   No solidada (RB 60)   Panadugama   7° 16′ 3″ N 81° 32′ 44.4″ E   295 m   4.50   5.00   5.60   0.30   0.30   No solidada (RB 60)   Panadugama   7° 16′ 3″ N 81° 5′ 0″ E   16′ 3″ N 81° 30″ E		Baddegama	6° 10' 25" N	749	m	3.50	4.00	5.00	3.32	3.30	Normal	2
Panadugama		Pitabeddara	6° 12' 48.2" N	310	m	3.25	4.00	5.00	0.92	0.90	Normal	
Nama		Panadugama	6° 08' 00" N	445	m	5.00	6.00	6.50	4.11	4.10	Normal	
Tanamalwila	(RB 12)	Urawa	6° 14' 11.8" N	59	m	2.50	3.00	4.00	0.59	0.57	Normal	
Riffind Oya (RB 22)   Wellawaya   6° 42' 33.3" N   81° 6' 441.6" E   172   m   4.40   5.40   5.90   0.68   0.68   No   1.90   1.90   1.90   No   1.90   1.		Tanamalwila	6° 28' 5.9" N	749	m	4.00	5.00	5.50	0.53	0.51	Normal	
RB 22    Ruda Oya   G* 31*28.8" N   291   ft   20.00   25.00   26.00   1.90   1.90   No   No   RB 40* 07* 24" E   291   ft   20.00   25.00   26.00   1.90   1.90   No   No   RB 40* 07* 24" E   291   ft   20.00   25.00   26.00   1.90   1.90   No   No   RB 40* 07* 24" E   291   ft   20.00   25.00   26.00   1.90   1.90   No   No   RB 50* 07* 24" E   291   ft   20.00   25.00   26.00   1.90   1.90   No   No   RB 50* 07* 24" E   291   ft   20.00   25.00   26.00   1.90   1.90   No   No   RB 50* 11* 30" E   291   m   4.00   4.50   6.00   0.24   0.24   No   RB 50* 07* 08* 08* 08* 08* 08* 08* 08* 08* 08* 08	Kirindi Oya										Normal	
Maduru Oya (RB 54)   Padiyatalawa   7° 23° 0" N   159   m   4.00   4.50   6.00   0.24   0.24   No	(RB 22)										Normal	
RB 54    Fadiyatalawa   81° 11′ 30″ E   139   m   4.00   4.30   5.00   0.24   0.24   No	Maduru Ova			5.76.761	11							
Oya (RB 31)         Nakkala         81° 17' 49.3" E         216         m         5.00         7.50         0.66         0.65         No.65           Heda Oya (RB 36)         Siyambalanduwa         6° 54' 16.5" N 81° 32' 44.4" E         295         m         4.50         5.00         5.60         0.30         0.30         No.00           Peradeniya         7° 16' 3" N 80° 36' 30" E         1168         m         5.00         7.00         9.00         1.61         1.59         No.00           Mahaweli Ganga (RB 60)         Weragantota         7° 2' 25" N 80° 59' 18.3" E         4092         m         5.00         6.00         8.00         -1.90         -1.95         No.00           Manampitiya         7° 54' 53.3" E         4092         m         5.00         6.00         8.00         -1.90         -1.95         No.00           Manampitiya         7° 54' 53.3" E         4092         m         5.00         6.00         8.00         -1.90         -1.95         No.00           Malamampitiya         7° 54' 53.3" E         276         m         3.00         4.00         5.00         0.60         No.00           Yan Oya (RB 67)         RGB 67)         Horowpatana         8° 34' 39.44" N 80° 52' 43.25" E         720 </td <td></td> <td>Padiyatalawa</td> <td>STATE OF THE PARTY OF THE PARTY</td> <td>159</td> <td>m</td> <td>4.00</td> <td>4.50</td> <td>6.00</td> <td>0.24</td> <td>0.24</td> <td>Normal</td> <td></td>		Padiyatalawa	STATE OF THE PARTY	159	m	4.00	4.50	6.00	0.24	0.24	Normal	
Peradeniya	Oya (RB 31)	Nakkala	81° 17' 49.3" E	216	m	5.00	6.00	7.50	0.66	0.65	Normal	1
Mahaweli Ganga (RB 60)   Manampitiya   Man		Siyambalanduwa		295	m	4.50	5.00	5.60	0.30	0.30	Normal	
Mahaweli Ganga (RB 60)         Weragantota         7° 2' 55" N 80° 32' 3" E         176         m         3.00         4.00         4.50         1.00         1.00         No           Manampitiya (RB 60)         Manampitiya         7° 5' 19" N 80° 59' 18.3" N 81° 5' 10" E         4092         m         5.00         6.00         8.00         -1.90         -1.95         No           Manampitiya (RB 67)         7° 54' 53.3" N 81° 5' 10" E         7418         m         3.50         3.70         4.00         -0.30         -0.10         No           Taldena (RB 67)         81° 5' 10" E         276         m         3.00         4.00         5.00         0.60         0.60         No           Yan Oya (RB 67)         Horowpatana (RB 90)         8° 34' 39.44" N 80° 52' 43.25" E         720         m         6.00         7.30         10.44         1.80         1.77         No           Malwathu Oya (RB 90)         7° 58' 13.3" N 80° 15' 13.57" N 80° 15' 13.14" E         2116         m         6.75         7.25         —         1.39         1.38         No           Mee Oya (RB 95)         Galgamuwa (RB 95)         7° 58' 13.3" N 80° 15' 18.3" E         299         m         4.84         5.94         7.00         0.04         0.04         No </td <td></td> <td>Peradeniya</td> <td></td> <td>1168</td> <td>m</td> <td>5.00</td> <td>7.00</td> <td>9.00</td> <td>1.61</td> <td>1.59</td> <td>Normal</td> <td></td>		Peradeniya		1168	m	5.00	7.00	9.00	1.61	1.59	Normal	
Mahaweli Ganga (RB 60)         Weragantota         7° 19' 0" N 80° 59' 18.3" E         4092         m         5.00         6.00         8.00         -1.90         -1.95         No           Manampitiya         7° 54' 53.3" N 81° 5' 10" E         7° 19' 0" N 81° 5' 10" E         7418         m         3.50         3.70         4.00         -0.30         -0.10         No           Taldena         7° 5' 26.7" N 81° 2' 53.3" E         276         m         3.00         4.00         5.00         0.60         0.60         No           Yan Oya (RB 67)         6° 54' 8.3" N 80° 42' 00" E         148         m         -         -         -         0.90         0.90           Yan Oya (RB 67)         Horowpatana         8° 34' 39.44" N 80° 52' 43.25" E         720         m         6.00         7.30         10.44         1.80         1.77         No           Malwathu Oya (RB 90)         7° 58' 13.3" N 80° 16' 31.14" E         2116         m         6.75         7.25         -         1.39         1.38         No           Mee Oya (RB 95)         Galgamuwa         7° 58' 13.3" N 80° 15' 18.3" E         299         m         4.84         5.94         7.00         0.04         0.04         No		Nawalapitiya	7° 2' 55" N	176	m	3.00	4.00	4.50	1.00	-1.00	Normal	
Manampitiya		Weragantota	7° 19' 0" N	4092	m	5.00	6.00	8.00	-1.90	-1.95	Normal	
Taldena		Manampitiya	7° 54' 53.3" N	7418	m	3.50	3.70	4.00	-0.30	-0.10	Normal	
S16 21 53.3" E   Calidonia   S6 48 8.3" N   S80 42 00" E   S7 48 3.3" N   S80 42 00" E   S80 52 43.25" E   S8		Taldena	7° 5' 26.7" N	276	m	3.00	4.00	5.00	0.60	0.60	Normal	
Yan Oya (RB 67)         Horowpatana         8° 34′ 39.44″ N 8° 34′ 39.44″ N 80° 52′ 43.25″ E         720 m         6.00 m         7.30 m         10.44 m         1.80 m         1.77 m         No m           Malwathu Oya (RB 90)         Tantirimale (RB 90)         8° 35′ 13.57″ N 80° 16′ 31.14″ E         2116 m         6.75 m         7.25 m         1.39 m         1.38 m         No m           Mee Oya (RB 95)         Galgamuwa (RB 95)         7° 58′ 13.3″ N 80° 15′ 18.3″ E         299 m         4.84 m         5.94 m         7.00 m         0.04 m         0.04 m						,						
(RB 67)         Horowpatana         80° 52' 43.25" E         720         III         6.00         7.30         10.44         1.80         1.77         No           Malwathu Oya (RB 90)         Tantirimale         8° 35' 13.57" N 80° 16' 31.14" E         2116         m         6.75         7.25         _         1.39         1.38         No           Mee Oya (RB 95)         Galgamuwa         7° 58' 13.3" N 80° 15' 18.3" E         299         m         4.84         5.94         7.00         0.04         0.04         No	Yan Oya			*		-					Normal	
(RB 90) Tallullinate 80° 16' 31.14" E 2116 III 6.75 7.25 _ 1.35 No. Mee Oya (RB 95) Galgamuwa 7° 58' 13.3" N 299 m 4.84 5.94 7.00 0.04 No. Mee Oya (RB 95) Review 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RB 67)		80° 52' 43.25" E 8° 35' 13.57" N	2000000			42-1-1-1-1-1	10.44		-		
(RB 95) Galgamuwa 80° 15' 18.3" E 299 m 4.84 5.94 7.00 0.04 0.04 100	(RB 90)	Tantirimale	80° 16' 31.14" E		m			-			Normal	
			80° 15' 18.3" E	299		4.84	5.94	7.00	0.04	0.04	Normal	
Mana Oya (RB Dadayarra 1 10N 790 58 50 E 1300 Rt 1.00 3.00 10.00 10.00 10.00 10.00		BadalgamaATION	19 30 30 E	1360	ft	1.00	5.00	16.00	-10.35	-10.35	Normal	14
80° 6' 53.3" E		Giriplia E VIII	80° 6' 53.3" E	1192	m	5.00	6.00	6.50	1.12	1.12	Normal	
Attanagalu Oya (RB 103) Punamale 7° 7' 0" N 153 m 3.30 4.40 5.50 1.32 1.32 No	Attanagalu Oya (RB 103)	Dunamale		153	m	3.30	4.40	5.50	1.32	1.32	Normal '	
Prepared by: Times & Saulayames 2018/10/14			2018/10/	14								
Eng.R.M.M.R.Alawathugoda	Checked by :		10:10 / 10						Eng.R.M.N	I.R.Alawathu	igoda	

## Landslide Watch —National Building Research Organization

#### **Locations for Potential Risk**

නායයෑමේ අවදානම පැවතිය හැකි පුදේශ

கனதியான அபாயமுள்ள இடங்கள்

	Divisional Secretariat Divisions and Locations										
District	Level 1 (Yellow)	Level 2 (Amber)	Level 3 (Red)	Areas and places which need special attention							
Galle	Horana↓ Dodangoda↓ Madurawala↓ Kalutara↓ Divisional secretariat divisions and surrounding areas.  Neluwa Thawalama Elpitiya Niyagama Nagoda Baddegama Yakkalamulla↓ Divisional secretariat divisions and surrounding areas.	Walallawita↓ Bulathsinhala↓ Agalawatta↓ Mathugama↓ Palindanuwara↓ Ingiriya Divisional secretariat divisions and surrounding areas.		All mountainous areas, manmade cut slopes and roads within the relevant DS divisions  අදාල පුාදේශීය ලේකම් කොට්ඨාශ තුල පිහිටි කළුකර බෑවුම් හා ඒ ආශිත පුදේශ තුල පිහිටි නිර්මිත  பிரதேச செயலக பிரிவினுள்ளான சகல மலைப்பாங்கான பகுதிகள் மற்றும் வெட்டப்பட்ட நிலக் சாய்வுகள்  Specially: All the landslide susceptible areas previously identified by NBRO.  විශේෂ: ජාතික ගොඩනැගිලි පර්යේෂණ සංවිධානය විසින නායයෑමේ අවදානමක ඇති ලෙස පුර්වයෙන හදුනාගෙන ඇති පුදේශ ඛ්රීපිටියෙන පැති පුදේශ ඛ්රීපිටියෙන පැති සෙ සැழவினால் முன்னர் அடையாளப்படுத்தப்பட்ட மண்சரிவுக்கான ஏதுநிலையுள்ள சகல பிரதேசங்கள்.							

**Note**:  $\uparrow$  shifted one level up,  $\uparrow \uparrow$  shifted two levels up,  $\downarrow$  shifted one level down,  $\downarrow \downarrow$  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