



Sri Lanka

# Disaster Situation Update

## Weekly Situation Report

Period: 01 to 07 October 2018

Produced On 8<sup>th</sup> October 2018



**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**



# Sri Lanka • Disaster Situation Update

## Weekly Situation Report

Period: 01 to 07 October 2018

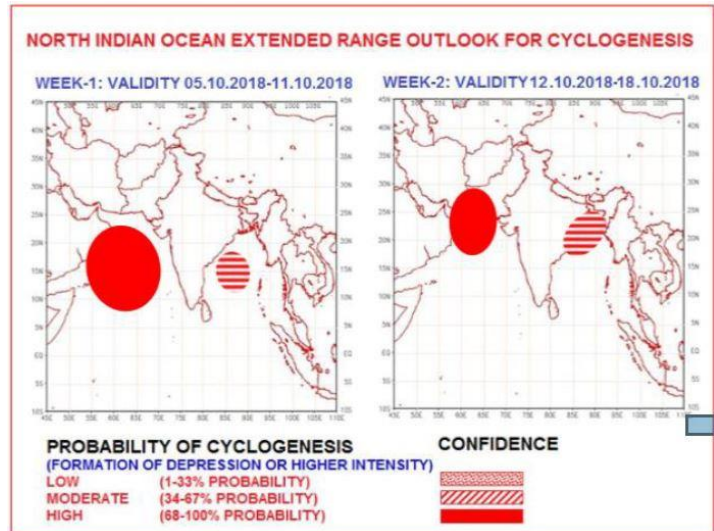
Produced by Emergency Operation Centre-Disaster Management Centre

## I. HIGHLIGHTS

High winds and heavy rains have been continued in many parts of the island, causing floods, land and rock slides since end of September 2018. According to the ground situation, as of 08 October, a total of **48,918 persons (12,478 families)** have been affected, with 09 deaths, 01 missing and 19 injured. According to the National Disaster Relief Services Centre (NDRSC), a total of **5,834 persons (1,318 families)** are displaced in 21 temporary relocation centers in three districts<sup>1</sup>. NDRSC has provided 19.3 million cash allocations to the five (05) District Secretariats to address the immediate needs of the affected populations.

117 call-centers received 2,058 calls within this period and complied with appropriate actions. The EOC coordinated military and police communication network used effectively for the coordination and the dissemination process.

The 07<sup>th</sup> October Meteorology Department weather forecast for the next 36 hours saying rainy conditions will continue with fairly heavy rains and strong winds at some places in the Central, Uva, Sabaragamuwa, Western and North-western provinces and in Galle, Matara districts.

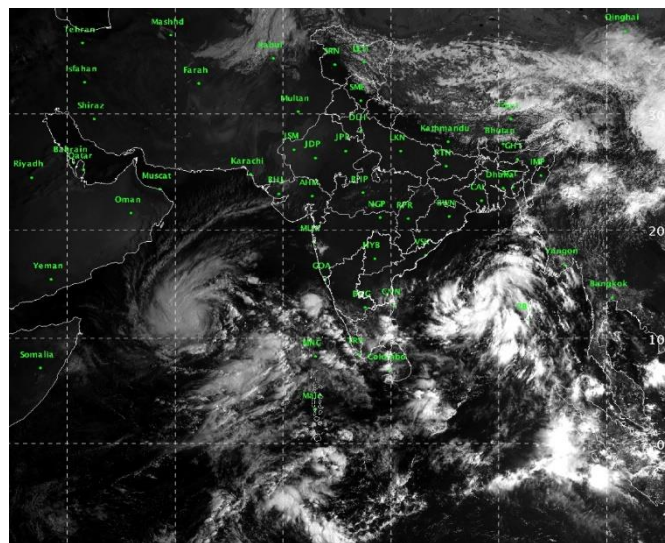


## II. CURRENT SITUATION

The Tropical cyclone brewed in the Arabian sea is moving away from the country, however the south-westerly winds may bring showers to Western, and North-western and also South-western areas especially in the morning hours. Another low-pressure area is being developed in the north Bay of Bengal may influence weather over Sri Lanka in next 72 hours.

As of now all rivers are showing normal water levels except Kalu Ganga (Millakanda) and Gin Ganga (Baddegama) showing minor flood level.

Based on the met prediction until tomorrow the rains might be enhanced and gradually fade away.



<sup>1</sup>Disaster Situation Report, DMC & National Disaster Relief Services Centre (NDRSC) at 1200 hours on 08<sup>th</sup> October 2018

### III. Weekly Situation overview

According to the Met department WEATHER FORECAST for 01st October 2018 a low level atmospheric disturbance was in the vicinity of Sri Lanka, prevailed showery condition is expected to enhance over the island particularly, in the North-central, Central, Sabaragamuwa and Uva provinces and expected to continue during next few days (1st to 3rd October). Heavy falls above 100 mm can be expected at some places in the Central, Uva, Sabaragamuwa, Western and North-western provinces and in Galle, Matara districts.

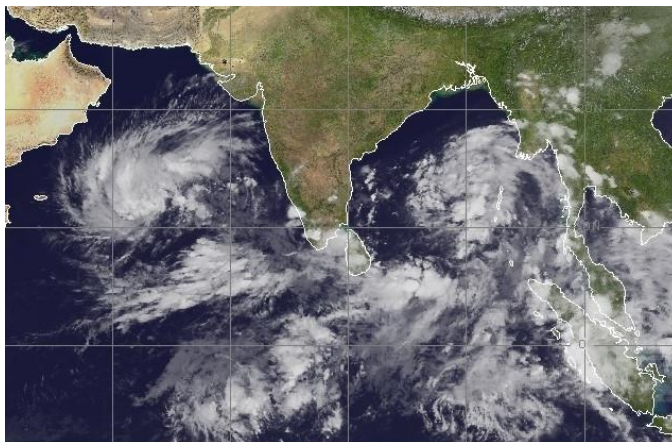
Showers or thundershowers may occur at several places in coastal areas of Southern and Eastern provinces in the morning too.

#### Media Alerts were released on the expected situation

Flooding and subsequent potential landslide threat has forced the evacuation of people in low-lying areas where four main rivers have reached flood levels, while Kalutara districts were on "red alert" for possible landslides. NBRO has still given landslide threat to Ratnapura, Kalutara, Badulla, Kegalle, and Galle due to earth slips, cut failures and rock falls.

Spill gates had been opened in of Rajanganaya, Daduruoya, Polgolla and kukuleganga reservoirs.

Irrigation Department continually monitored flood levels through river gauges. River water levels at many stations are gradually increased during last few days, in Kelani, Kalu, Nilwala, Gin, Aththanagalu-Oya Rivers and some areas of Kalu river showed flood levels as of 06<sup>th</sup> October.



Continuous rains since 30<sup>th</sup> September 2018 have caused floods, land and rock/mud slides and displacement, mainly in the Central, Uva, Sabaragamuwa, Western and North-western provinces of the island. Heavy rains have caused main roads to be submerged, hence not motorable. Additionally, heavy rains also resulted in the intermittent opening of sluice gates of tanks (reservoirs).

Akurana town area (In Kandy District) flooded in 29<sup>th</sup> September 2018, due to flash flood occurred due to improper constructions by disturbing natural water ways. Transport disrupted across the area including main A-9 road. More than 350 shops and houses were affected. While on 30<sup>th</sup> September, 04 DS Divisions in Puttalam District affected by a High-Wind causing partially damage of 625 Houses and Agricultural fields. 02 schools fully affected remain closed throughout the first week.



For the 24-hour period ending at 0830 of 07/10/2018, 334 mm Maximum rainfall reserved Podiwela farm in Galle district.

On 5<sup>th</sup> October, DDMCU-Kandy reported that due to High-Wind a total of 132 Houses Partially damaged (71 Yatinuwara- 45 Udu-Nuwara, Pathadumbara-09, Kundasale-07).

**Thirteen districts with the highest number of persons affected and displaced due to floods** (source: DMC/NDRSC, as of 08 Oct)



#	Administrative purvie	Disaster	Date of commenced	Affected					Houses Damaged		Other Damages		Safe Location		
	District			Families	People	Deaths	Injured People	Missing People	Fully	Partially	Small, Medium, Enterprises Damages	Damages to critical Infrastructure	Safety Locations	Families	Persons
1	Kurunegala	Flood / Cutting failure / Tree Fallen / Lightning /	2018.09.29 to 2018.10.07	110	424	0	0	0	1	108	3	0	0	0	0
2	Puttalama			870	3232	0	0	0	1	841	119	0	0	0	0
3	Batticaloa			1	4	0	0	0	0	1	0	0	0	0	0
4	Nuwaraeliya			49	212	0	1	0	0	9	0	0	2	29	122
5	Kandy			172	678	0	9	0	5	145	0	0	0	0	0
6	Hambantota			2	4	0	0	0	0	2	0	0	0	0	0
7	Galle			2636	9987	2	0	0	11	384	59	0	0	0	0
8	Kegalle			48	167	1	3	0	0	42	5	0	0	0	0
10	Rathnapura			4	19	2	1	0	0	1	0	0	0	0	0
11	Monaragala			7	26	0	0	0	0	7	0	0	0	0	0
12	Kaluthara			4510	17645	4	5	1	17	96	50	21	2	15	58
13	Colombo			4069	16520	0	0	0	0	32	3	0	17	1274	5654
<b>Total</b>				<b>12478</b>	<b>48918</b>	<b>9</b>	<b>19</b>	<b>1</b>	<b>35</b>	<b>1668</b>	<b>239</b>	<b>21</b>	<b>21</b>	<b>1318</b>	<b>5834</b>

Reported deaths were occurred due to accidents during the disasters by drowning

District	No of Death	Reason
Galle	02	Flood
Kegalle	01	Tree fallen
Rathnapura	02	Drowning & Tree fallen
Kalutara	04	Flood
<b>Total</b>	<b>09</b>	

Sluice gates of the following reservoirs were opened to diminish the water level or are at spill level (as of 06 October, 2018)

District	Tanks (reservoirs)
Anuradhapura	Rajanganaya,
Puttalam	Daduru oya
Kandy	Polgolla, Laxapana

**IV. ASSESSMENTS**

Rapid assessments are underway to determine the extent and location of damages. Inter-agency missions lead by the DMC, NDRSC and district authorities will identify immediate relief needs. Missions continue to experience constraints due to poor access on flood-affected roads. Cooked food, NFI, dry rations and drinking water needs are supplied to the affected communities.

## **V. HUMANITARIAN NEEDS AND RESPONSE**

### **Emergency Response**

With the Early warning of the depression, the DMC deployed extra forces and equipment in the particular districts. Deployed on response during flash flood 19 officers 650 men's along with response equipment including rescue boats etc. and also made available military troops of 50 officers and 1275 men's and response equipment along with rescue boats in order to deploy in any emergency situation of same areas. Police rescue teams also deployed on evacuations missions during this period.

### **Search and Rescue:**

Rescue operations are being carried with the assistance of the Sri Lanka Navy (SLN) and the Sri Lanka Army (SLA) in the most flood-affected areas. Between 30<sup>th</sup> September and 05<sup>th</sup> October. Over 1000 persons Evacuated in Kalutara district due to floods and landslide.

### **Food:**

On 07<sup>th</sup> October, NDRSC cooked food rations to Kalutara, Colombo and Galle. Divisional secretariat continue to provide cooked meals to displaced persons in relocation centers of all the affected districts in coordination with the NDRSC.

### **NFI/ Shelter:**

As per the requirement of the affected communities required items were provided by the NDRSC through the particular divisional secretariat and assistant by the military and police.

### **Health:**

With the direction and request EOC DMC Disaster Preparedness & Response Division, Ministry of Health coordinated to alert particular hospitals and Ambulances of the particular areas.

## **VI. COORDINATION**

DMC has requested extra support from the military to support of flood and High wind affected areas. Special media briefing held on 03<sup>rd</sup> October. It is requested to contact following focal point of the DMC for the operational activities.

If situation continues and major requirement arises, the DMC will call Emergency Coordination Meeting with key stakeholders. Reporting and data compilation is technically supported by the UN World Food Programme.

### **For more information**

Emergency Call Centre: **117**

Director, Emergency Operation: 077 3957903

0112 136136, 0112 136222, 077 3957900, 0702117117

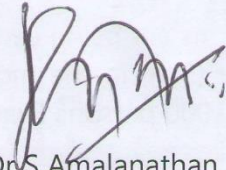


Certified by



Brig W A Ariyaratna RWP RSP

Director - EOC



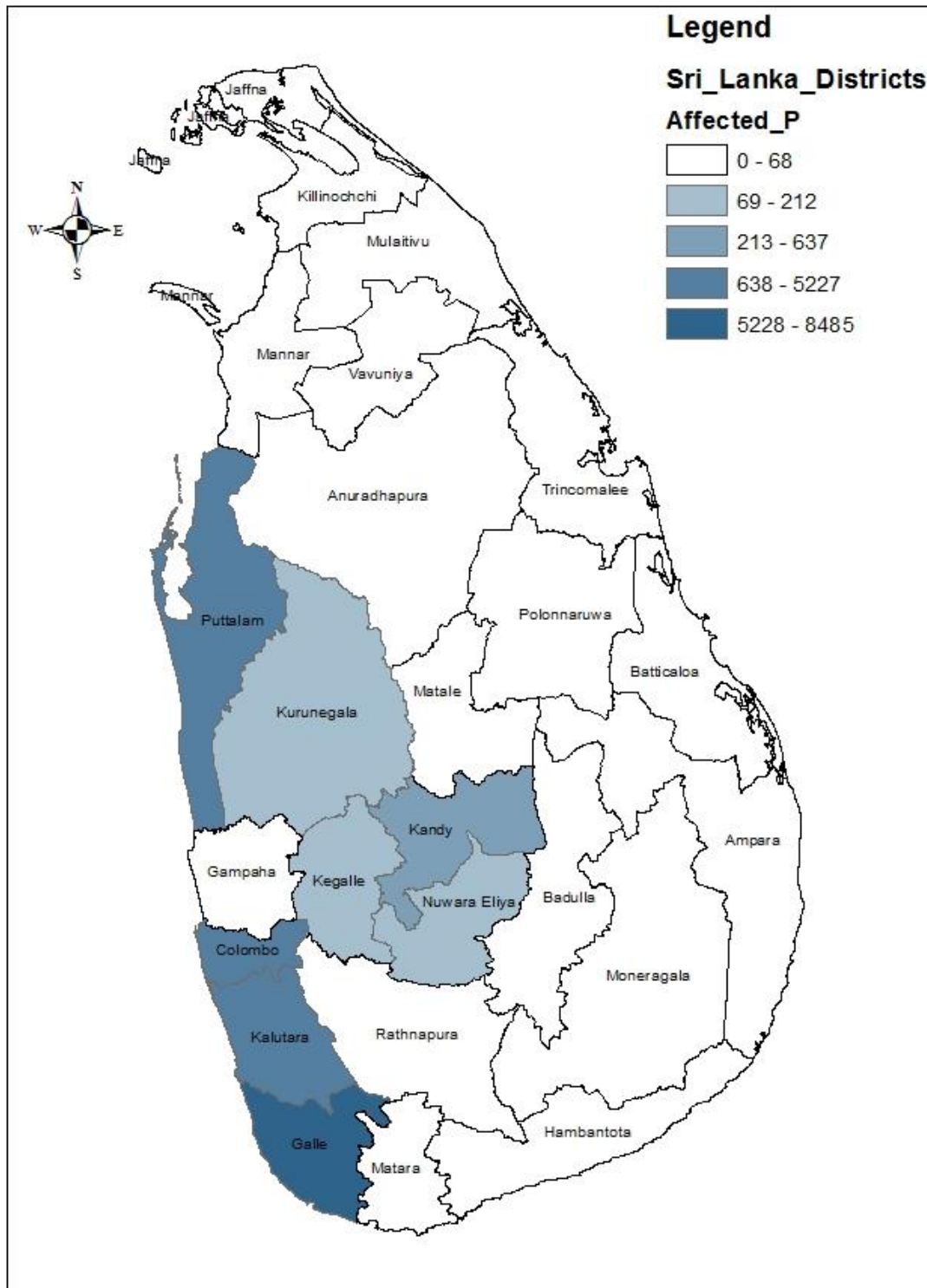
Dr S Amalanathan

Director General

## **List of Annexes**

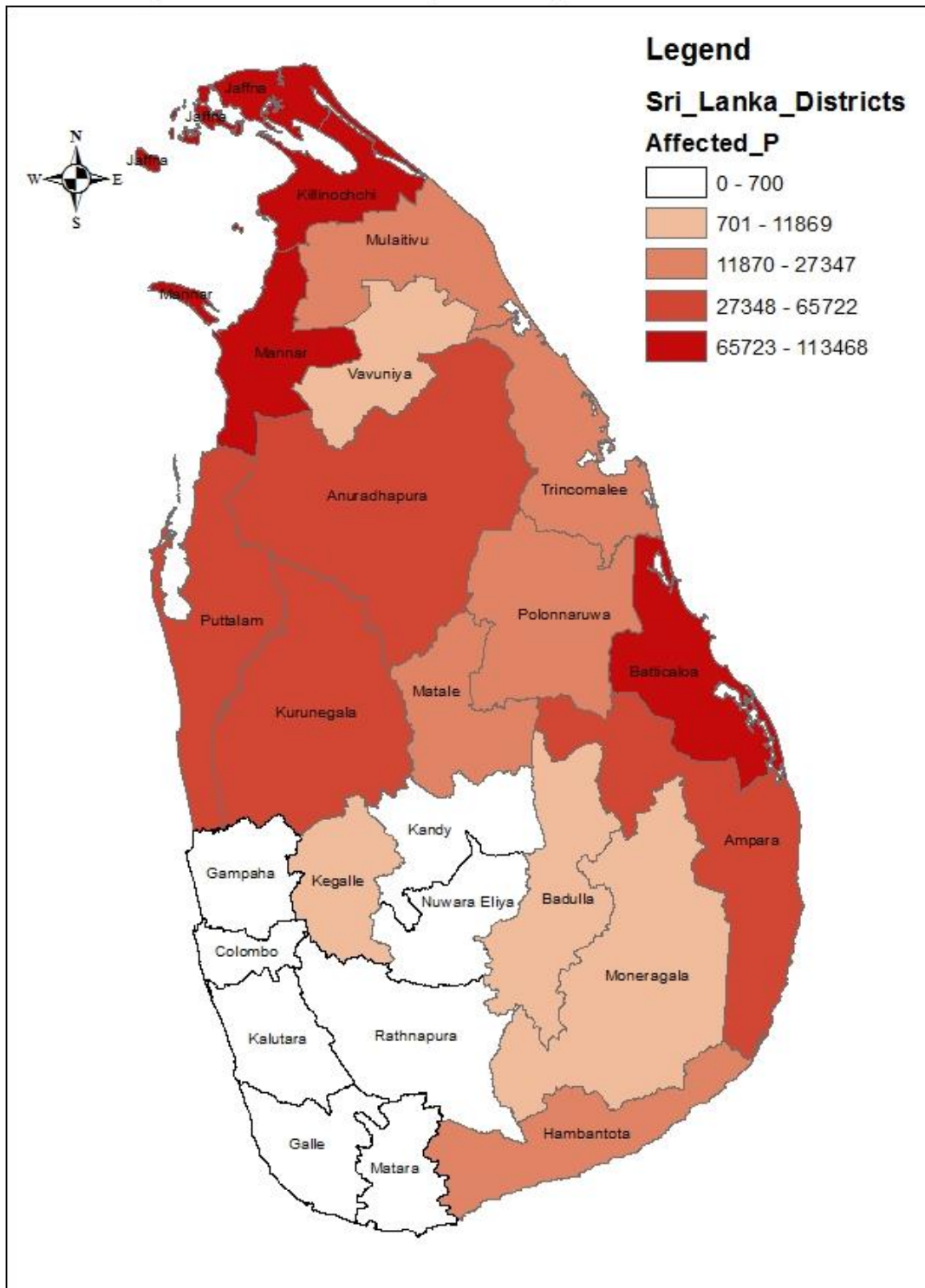
- I. Weather Forecast (Met Department)
- II. Landslide Warning (NBRO)
- III. Water Level in Major Rivers (Department of Irrigation)

# No of People Affected by Flood as at 08-10-2018





# No of Pepole Affected by Drought as at 08-10-2018





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வளிமண்டலவியல் திணைக்களம்  
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Bulletin No: 03  
COLOR: Amber

WW/ L/18/10/08/03

### Special Advisory for Heavy Rain and Thunderstorm

Issued by the natural hazards early warning center  
At 01.00 p.m. 08<sup>th</sup> October 2018.  
For the period until 01.00 p.m. 09<sup>th</sup> October 2018

#### For Land Areas

#### PLEASE BE AWARE:

A Low Pressure Area over the central and adjoining South-east Bay of Bengal is now intensified into a well-marked low pressure area and now located near 12.9N, 90.4E. It is very likely to concentrate in to a Depression during next 24hrs and very likely to move northwestwards in next few days.

Due to the effect of the above system, prevailing showery condition is expected to enhance over the island during next few days (08<sup>th</sup>, 09<sup>th</sup> and 10<sup>th</sup> October).

Showers or thundershowers will occur at times in Western, North-western, Central, Southern and Sabaragamuwa provinces.

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

Very heavy falls about 150 mm can be expected at some places in the Western, North-western, Central, Uva and Sabaragamuwa provinces and in Galle, Matara districts.

Severe lightning and temporarily strong gusty winds up to 70-80 kmph are also possible during thundershowers.

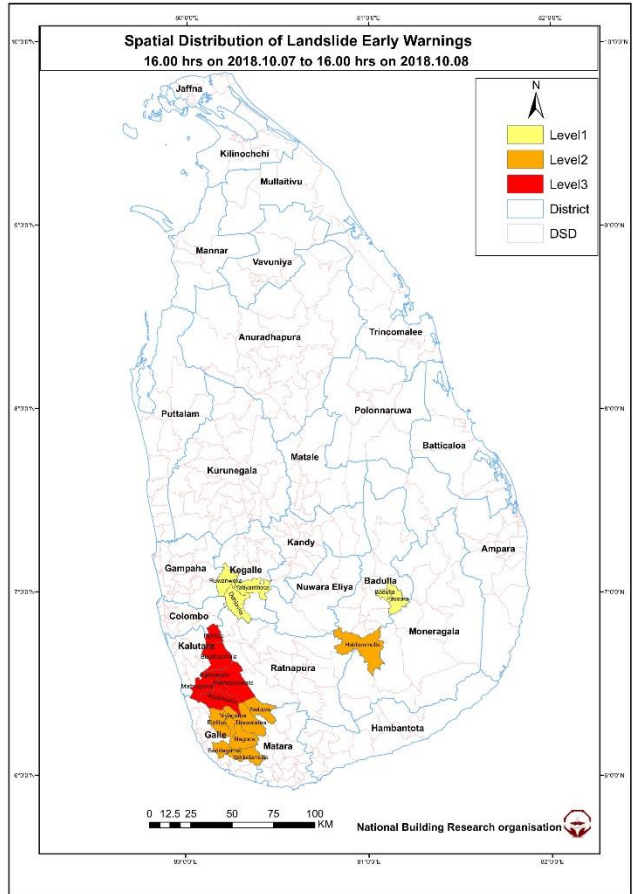


## Locations for Potential Risk

காசியுதே அபிதானம் அலகிய னகி துதே

கனதியான அபாயமுள்ள இடங்கள்

District	Divisional Secretariat Divisions and Locations			Areas and places which need special attention
	Level 1 (Yellow)	Level 2 (Amber)	Level 3 (Red)	
Kalutara			Walallawita ,Bulathsinhala Agalawatta, Mathugama , Baduralia , Ingiriya Divisional secretariat divisions and surrounding areas	<p>All mountainous areas, manmade cut slopes and roads within the relevant DS divisions</p> <p>அடல துதேயீய லேகதி கலாவிடா துல திதிவி கட்டகர் லுதிவி னா ல் அாதின துதே துல திதிவி திர்தின</p> <p>பிரதேச சேயலக பிரிவினுள்ளான சகல மலைப்பாங்கான பகுதிகள் மற்றும் வெட்டப்பட்ட நிலச் சாய்வுகள்</p>





**Islandwide Water Level Situation in Major Rivers**

DATE : 8-Oct-2018

TIME : 3.30 PM

River	Gauging Station							Water Level before 1hr	Water Level at 03.00 pm	Remarks	Flood Status	RF in last 6 hrs (mm)
	Station	Coordinate	Catchment Area (km <sup>2</sup> )	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	3.15	3.00	Normal		
	Hanwella	6° 54' 39.38" N 80° 05'	1782	m	7.00	8.00	10.00	3.61	3.56	Normal		2.3
	Glencourse	6° 58' 25" N 80° 11' 3" E	1463	m	15.00	16.50	19.00	10.70	10.70	Normal		15.7
	Holombuwa	6° 56' 11.6" N 80° 15' 53.3" E	155	m	3.00	3.40	5.00	0.85	0.84	Normal		0.3
	Deraniyagala	6° 56' 23.23" N 80° 20'	183	m	4.80	5.80	6.40	1.07	1.06	Normal		17.1
	Kitulgala	6° 59' 25" N 80° 24' 50" E	383	m	3.00	4.00	6.00	1.83	1.85	Normal		14.5
	Norwood	6° 50' 8.32" N 80° 36'	97	m	1.50	2.00	2.15	0.95	0.94	Normal		1.0
Kalu Ganga (RB 03)	Ratnapura	6° 40' 43.2" N 80° 23'	603	m	5.20	7.50	9.50	1.32	1.32	Normal		14.6
	Ellagawa	6° 43' 54" N 80° 13' 4.2" E	1393	m	10.00	10.70	12.20	6.56	6.55	Normal		78.8
	Millakanda	6° 37' 50.3" N 80° 9' 37.7" E	780	m	5.00	6.50	8.00	7.71	7.73	Minor Flood	Rising	15.5
	Putupaula	6° 36' 51.9" N 80° 3' 44.2" E	2598	m	3.00	4.00	5.00	3.00	3.00	Alert		2.8
Gin Ganga (RB 09)	Tawalama	6° 20' 33.3" N 80° 19'	377	m	4.25	4.50	6.10	1.99	2.01	Normal		36.1
	Baddegama	6° 10' 25" N 80° 10' 33.1" E	749	m	3.50	4.00	5.00	4.71	4.71	Minor Flood		0.6
Nilwala Ganga (RB 12)	Pitabeddara	6° 12' 48.2" N 80° 28'	310	m	3.25	4.00	5.00	0.57	0.57	Normal		0.0
	Panadugama	6° 08' 00" N 80° 29' 00" E	445	m	5.00	6.00	6.50	4.37	4.33	Normal		2.8
	Urawa	6° 14' 11.8" N 80° 34' 18" E	59	m	2.50	3.00	4.00	0.15	0.15	Normal		
Attanagalu Oya (RB 103)	Dunamale	7° 7' 0" N 80° 4' 54.5" E	153	m	3.30	4.40	5.50	3.75	3.67	Alert	Falling	4.2

Prepared by : D.P.M.Akvis  
Checked by : K.A.Amarasiri

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

EMERGENCY OPERATIONS DIVISION	
RECEIVED	11
Date	8/18/10/08
Time	15:38
By	(Ops)/DO/ADO
DISASTER MANAGEMENT CENTRE	