

SITUATION SUMMARY

- ♦ **Heavy pre-monsoon rains in Sri Lanka continues from 20th May 2018, have killed at least thirteen people, and more than 100,000 people are affected in 19 District as of today.**
- ♦ **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 four districts were on "red alert" for possible landslides.**
- ♦ **Spill gates of many reservoirs had to be opened across the island. NBRO has still given landslide threat to Ratnapura, Kalutara, Badulla, Kegalle, Kandy, Matale, Nuwara-Eliya, Galle, Colombo and Kurunegala due to earthslips, cut failures and rock falls.**
- ♦ **South-west monsoon still suppressed by the persisting wind circulations running until September.**
- ♦ **125,954 people (32,136 families) have been affected (the Disaster Situation Report , DMC & National Disaster Relief Services Centre (NDRSC) at 1000 hours on 24rd of May 2018). NDRSC has provided 24.9 million cash allocations to the 12 District Secretaries to address the immediate needs of the affected populations.**
- ♦ **River water levels at many stations are gradually decreasing, in Kelani, Nilwala, Gin, Malwathu-oya, Maha-Oya rivers and some areas of Kalu river shows flood levels as of 24th May.**

CURRENT SITUATION

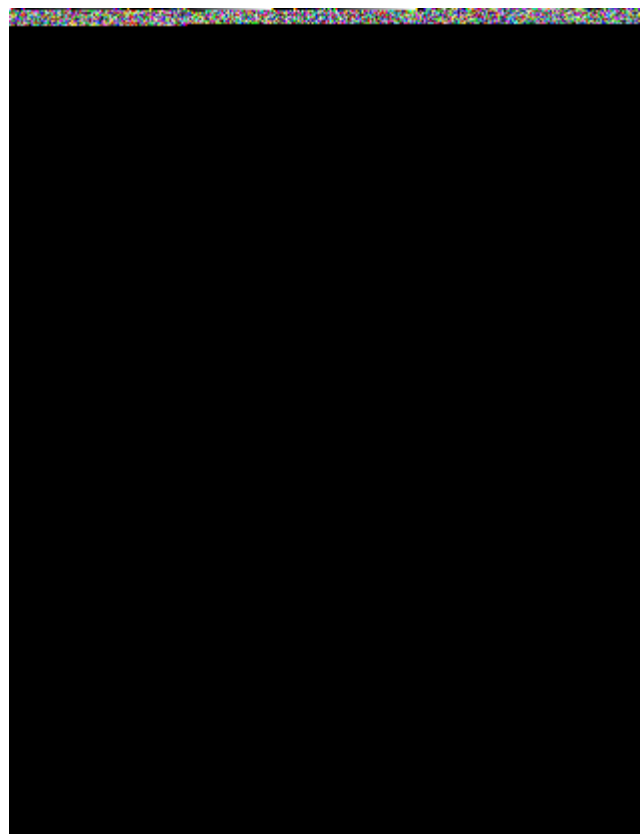
Department of Meteorology highlighted last 18-24 hours rainfall observed in main stations ended on morning hours of 24nd May 2018 showing reduction of rainfall in many areas; in Avissawella 92.6mm, Ratnapura-68.4mm, Nivithigala-92.2mm, Galle-69.7mm, Mannar-54.7mm, Colombo-55.8mm. The highest rainfall recorded was around 122.7mm in Mallowa in Puttalam District.

Ministry of Irrigation, Water Resources and Disaster Management, has called a response planning meeting today with respective government officials to discuss response measure to face heavy flood incident in coming few days under the leadership of Hon Duminda Dissanayake. Ministry officials and other senior level officials from respective organizations, Military officers and District officials were presented at the discussion.

Still full access to Kaduwela main bridge towards Biyagama road is not restored due to damage to side-wall of the bridge, however authorities are attending to it. Access are denied in the Panwila-Bambaraella road due to a rock-fall in Kandy district.

DMC is coordinating with Military agencies through its EOC for better response interventions and NDRSC is undertaking needs assessment at local levels, especially in safety centers. Recorded housing damages; full damages 43 and partial damages 3,225.

FIGURE 01: Heavy rainfall received last 24 hours ending at 0830 hours on 24 May 2018



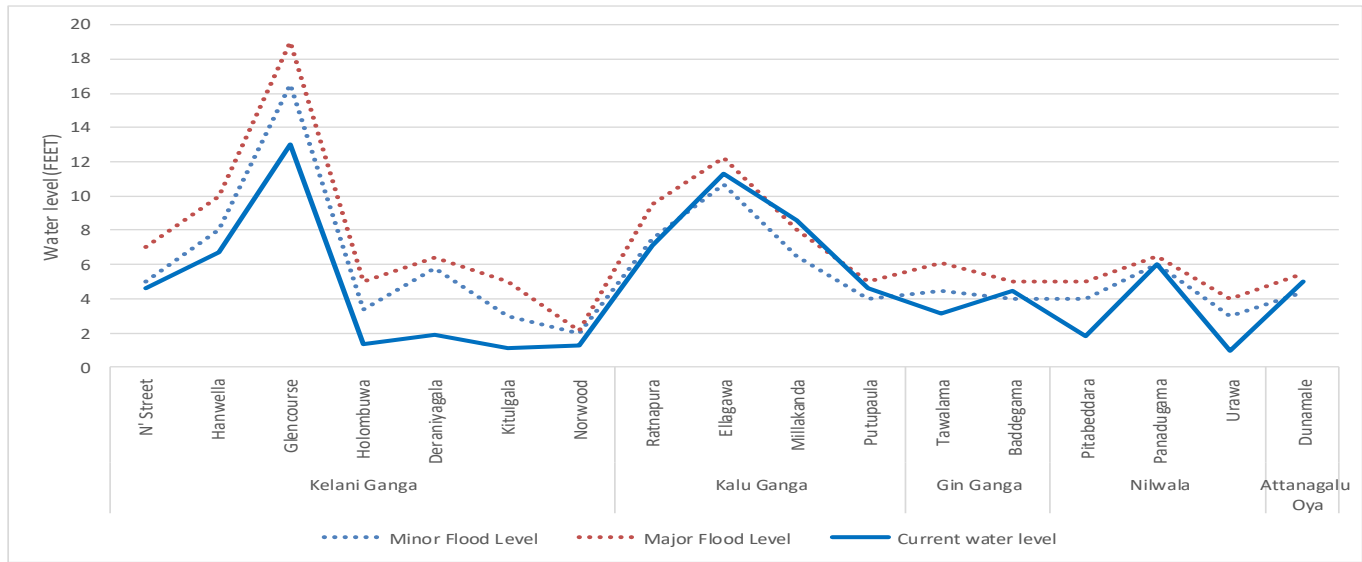
As a result of severe rains, 125,954 people (32,136 families) have been affected (the Disaster Situation Report , National Disaster Relief Services Centre (NDRSC) at 1000 hours on 24rd of May 2018). People at flood risk have been evacuated to safe locations and the total number of welfare centres. Approximately, 13,832 families have been evacuated into 251 welfare centres due to flood and landslide risks in 10 Districts. As of now 13 deaths were reported to the Disaster Management Centre.

Department of Irrigation has indicated that several major river levels are decreasing as of 24 May 2018, at 0900 hours which were at flood levels earlier.

However, the recorded rainfall was minimal in the major river catchment areas during past 24 hours ending from 8 30 hours of 24 May 2018. Therefore, the flood levels will fade away gradually.

Source: Department of Meteorology

FIGURE 02: River water level, 0900 hours 24 May 2018

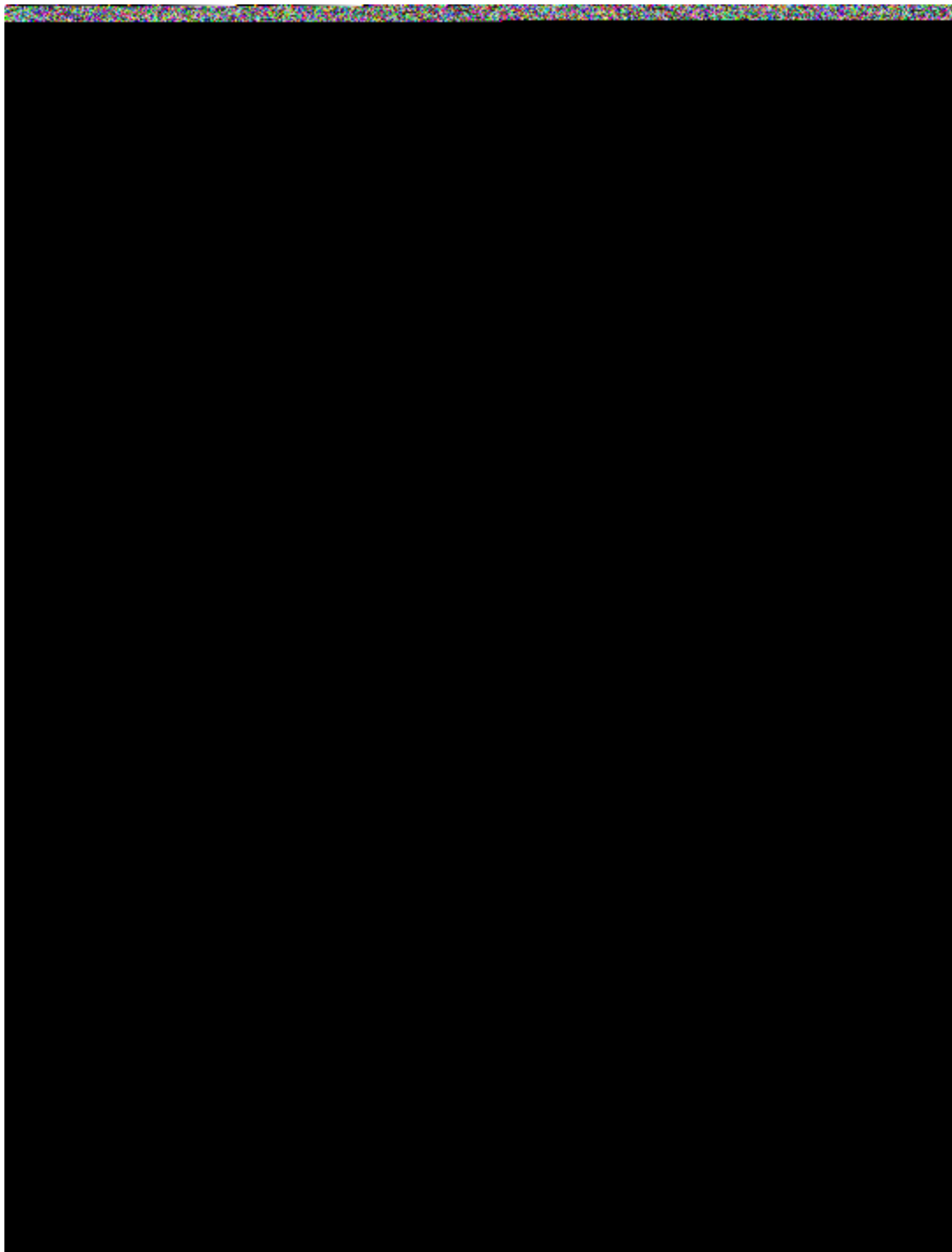


Source: Department of Irrigation

River gauges in Nilwala, Gin, Kalu, Kelani, Attanagalu-Oya, Ma-Oya, Mahaweli showing normal water levels

FLOOD STATUS AND FORECASTED IMPACT

FIGURE 03: Affected Districts and areas prioritization for response



Total affected Families 32,136 and evacuated 13,832 families



◆ Number of households at high risk— Full damage 43, Partially damage 3,225 houses

FLOOD RESPONSE AND RESCUE OPERATIONS

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

(Colombo, Matara, Galle, Kalutara, Ratnapura and Kegalle)

Deployed Forces:

SN	Tri Force	Officers	Others	Total
1	Navy	10	191	201
2	Army	23	502	525
3	Air force			
4	Police			
Total		33	693	726

Stand by Forces:

SN	Tri Force	Officers	Others	Total
1	Navy	26	580	606
2	Army	184	5204	5388
3	Air force	9	261	270
4	Police	-	-	
Total		219	6045	6264

Resources allocation for the Police

SN	District	Engine Boat	Catamaran	Engine
1	Ratnapura	10	08	01
2	Kalutara	11	10	01
3	Galle	06	03	
4	Badulla	02	02	
5	Gampaha	05	05	02
6	Matara	03	05	
7	Colombo	13	06	01
8	Kegalle	01	01	
9	Puttalam	02		
10	Hambantota	01		
11	Kurunegala	05	07	
Total		59	47	05

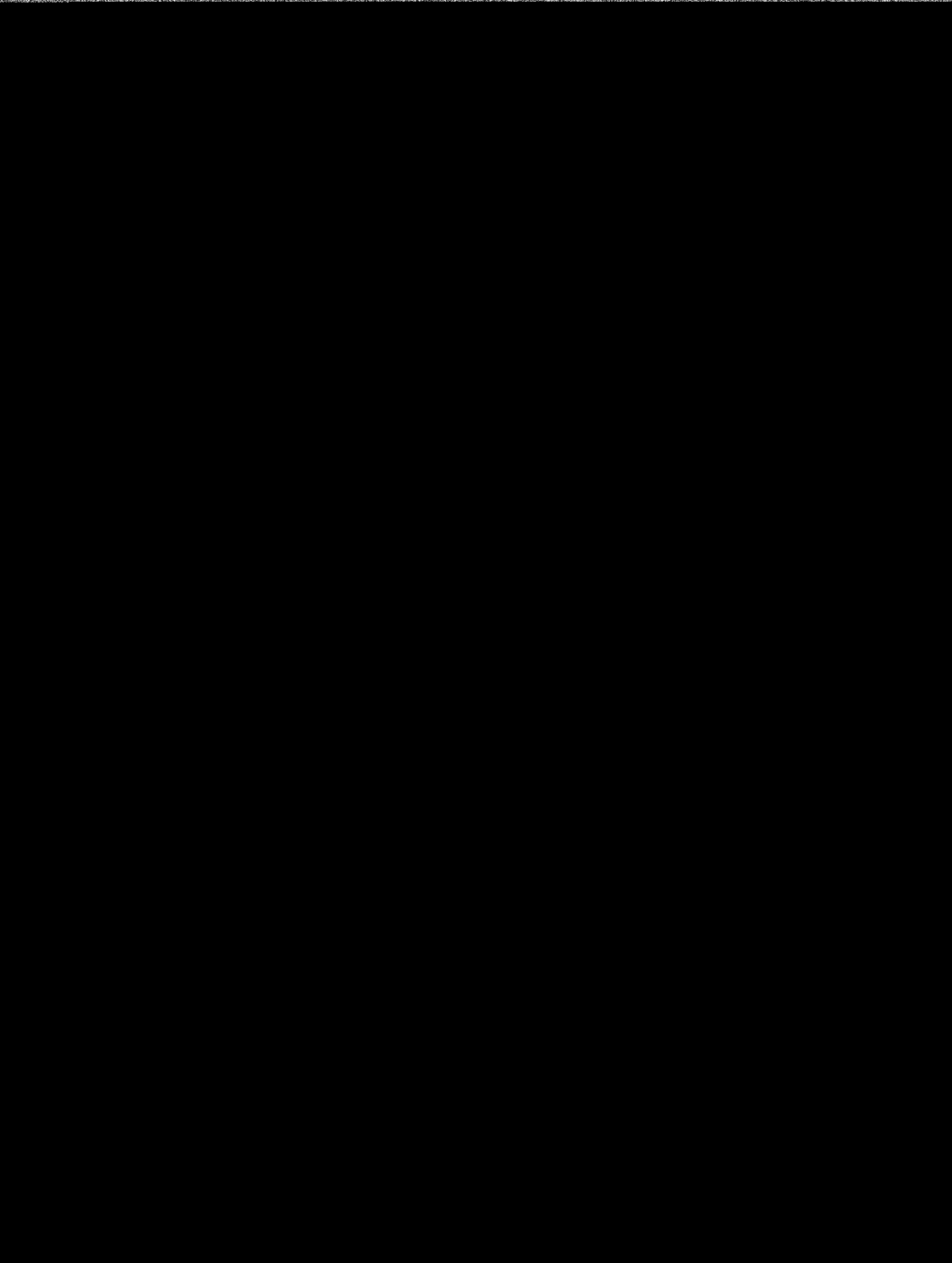
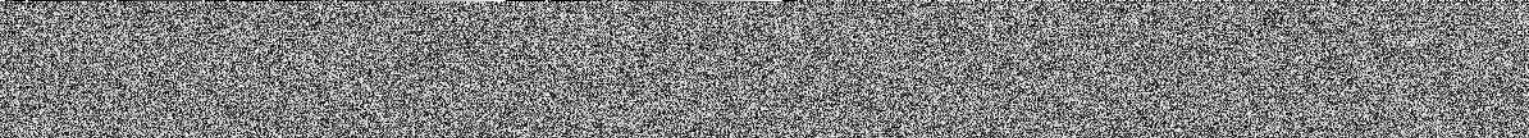
Current needs at ground compiled by NDRSC

Adminstrative Division			Requirements														
No	District	Division	Male Hy- giene kits	Female Hygiene kits	Baby Hy- giene kits	Blan- kets	Bed Sheets	Towels	Mos- quito coil	Mats	Folding mettress e	Kitchen sets	clothe s	Water pumps	tents	Tarpoline Shets	
1	Puttalam	Mahawewa	717	1,076	359	500	250	250	40	275	100	658	125				
		Arachchikattuwa	137	206	69	250	100	100	30	100	50	136	50				
		Pallama	58	87	29								53				
		Nattandiya	1,319	1,979	660	1500	400	400	400	85	400	200	1,800	200			
		Chilaw	80	120	40	500	200	200	200	40	200	100	90	100			
		Madampe	9	14	5								7				
		Wennappuwa	0	0	0	50	50	50	50	30	25			25			
		District Secretariat	0	0	0	200											
Sub Total (06)			2,321	3,482	1,161	3,000	1,000	1,000	225	1,000	450	2,744	500	25	50	1,000	
2	Gampaha	Gampaha	276	414	138	250	600	150				244		25			
		Dompe	14	21	7	15	20	10					13				
		Wattala	3,216	4,824	1,608	2400	4,000	1,000					2,328				
		Biyagama	2,948	4,422	1,474	2000	4,000	1,000	200		100	1,942					
		Diulapitiya	163	244	81	130	250	50				122					
		Kelaniya	2,327	3,491	1,164	1600	3,500	750				1,568					
		Jaela	27	40	13	20	40	10				17					
		Sub Total (07)	8,970	13,455	4,485	6,415	12,410	2,970	0	200	100	6,234	0	25	30	1,000	
3	Ratnapura	Kuruvita	19	29	10	15	30					14					
		Ratnapura	457	686	229	300	700	150				329					
		Elapatha	62	93	31	50	75					50					
		Kiriella	25	38	13	15	30					16					
		Pelmadulla	40	60	20	40	60					40					
		Openayake	13	19	6	15	15					13					
		Ayagama	35	52	17	35	50					31					
		Sub Total(07)	650	976	325	470	960	150	0	0	0	493	0	50	100	2,000	
4	Kalutara	Bulathsinhala	24	36	12	25	50	50				16					
		Walalavita	26	39	13	25	50	50				22					
	Sub Total (02)			50	75	25	50	100	100	0	0	0	38	0	50	50	1000
	Kurunegala	Udubaddawa	67	101	34	35	100	35					71				
		Pannala	104	156	52	40	150	40					93				
		Bamunakotuwa	62	93	31	25	75	20					55				
		Alawwa	27	41	14		40	10					19				
		Kuliyaipitiya West	33	50	17		50	10					25				
Sub Total (05)		293	440	147	100	415	115	0	0	0	263	0	30	15	1000		
6	Colombo	Seethawaka	213	320	107	75	300	60				137					
		Colombo	32	48	16		50					20					
		Kolonnawa	377	565	188	100	500	100				280					
Sub Total (03)			621	932	311	175	850	160	0	0	0	437	0	25	15	500	
Total			12,905	19,358	6,453	10,210	15,735	4,495	225	1,200	550	10,209	500	205	260	6,500	

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





Landslide Early Warning நாடாரசுத்ரீ சிஃரெடே ஸுரீவ ஂநநுரூ ஂநுலீத் மண்சரிவு முன்னெச்சரிக்கை	From 16:00hrs on 21.05.2018 to 16.00hrs on 22.05.2018 21.05.2018 ஃந.16.00, ஃப 22.05.2018 ஃந 16.00.ஃந்லா 21.05.2018 மணி 16.00 இலிருந்து 22.05.2018 மணி 16.00 வரை
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1st update:16.00 h on 22.05.2018, 2nd update:16.00 h on 23.05.2018 to 16.00 h on 24.05.2018

 NBRO	NATIONAL BUILDING RESEARCH ORGANISATION ජාතික ගොඩනැගිලි පර්යේෂණ සංවිධානය தேசிய கட்டிட ஆராய்ச்சி நிறுவனம் No. 99/1, Jawatta Road, Colombo 05 අංක. 99/1, ජාවත්ත පාර, කොළඹ 05 இல.99/1, ஜாவத்தை வீதி, கொழும்பு 05 Tele./ஃ.க./தொ.பே-0112588946 Fax/முக்தீ/தொ.ந-0112589943
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Warning level 1: Color Code: ஃஃசர் 1: வரீண க்நைச: எச்சரிக்கை மட்டம் 1: வரண குறியீடு:	Watch Yellow வீதஃரீதத் கல அவதானிப்பு மஞ்சள்	Since the rainfall within the past 24 hours has exceeded 75mm, if the rain continues, be watchful on the possibility of landslides, slope failures, rock falls, cutting failures and ground subsidence. ஂஃஃ ஃச ஂச 24 நுல வரீணாஂநநாச 75mm ஓக்தலா ஂநி லுலீந், வரீணாவ நவஃரரத் ஂவநீ நத் நாடாரசுத்ரீ, லுலுத் கஃவா வுலீத், ஂலீ ஂசரஃரீத், ஂஃ கணஃஃ கஃவா வுலீத் ஂல ஂலலாவ ஃரூ லுஃரீத் ஃவஃநத் ஂஃரெவ வீதஃரீதத் வந்ந.
		கடந்த 24 மணித்தியாலங்களில் மழைவீழ்ச்சி 75 மி.மீ களை மேவியுள்ளதனால்- மழை தொடருமாயின் மண்சரிவு, சாய்வு இஃந்து விழுக்கை, பாறை விழுக்கை, நிலவெட்டுசாய்வு இஃந்து விழுக்கை மற்றும் தரை ஁ள்ளிறக்கம் என்பவற்றின் சாத்தியங்களுக்கான அவதானிப்புடன் இருக்கவும்.
Warning level 2: Color Code: ஃஃசர் 2: வரீண க்நைச: எச்சரிக்கை மட்டம் 2: வரண குறியீடு:	Alert Amber ஃவஃந ஂலீலர் எச்சரிக்கை செம்மஞ்சள்	Since the rainfall within the past 24 hours has exceeded 100 mm, if the rains continue, be on alert on the possibility of landslides, slope failures, rock falls, cut failures and ground subsidence, being ready to evacuate to a safe location if the need arises. ஂஃஃஃ ஂச 24 நுல வரீணாஂநநாச 100 mm ஓக்தலா ஂநி லுலீந், வரீணாவ நவஃரரத் ஂவநீ நத் நாடாரசுத்ரீ, லுலுத் கஃவா வுலீத், ஂலீ ஂசரஃரீத், ஂலலாவ ஃரூ லுஃரீத் ஂல ஂஃ கணஃஃ கஃவா வுலீத் ஃவஃநத் ஂஃரெவ ஃவஃநாசைந் ஃப ஃவஃஸ் ஂலலாவத் ஃராக்ணாகாரீ நுநகவ ஃலத் ஃஃஃநத் வந்ந.
		கடந்த 24 மணித்தியாலங்களில் மழைவீழ்ச்சி 100 மி.மீ களை மேவியுள்ளதனால்- மழை தொடருமாயின் மண்சரிவு, சாய்வு இஃந்து-விழுக்கை, பாறை-விழுக்கை, நிலவெட்டுசாய்வு இஃந்து-விழுக்கை மற்றும் தரை-஁ள்ளிறக்கம் என்பவற்றின் சாத்தியங்களையிட்டு எச்சரிக்கையுடன்- தேவையேற்புடன் பாதுகாப்பான இடங்களுக்கு வெளியேறும் தயார் நிலையில் இருக்கவும்.
Warning level 3: Color Code: ஃஃசர் 3: வரீண க்நைச: எச்சரிக்கை மட்டம் 3: வரண குறியீடு:	Evacuation Red ஓவந்லீத் ரநு வெளியேறுகை சிவப்பு	Since the rainfall within the past 24 hours has exceeded 150 mm, if the rains continue, evacuate to a safe location to avoid the risk of landslides, slope failures, rock falls, cutting failures and ground subsidence. ஂஃஃஃ ஂச 24 நுல வரீணாஂநநாச 150mm ஓக்தலா ஂநி லுலீந், வரீணாவ நவஃரரத் ஂவநீ நத் நாடாரசுத்ரீ, லுலுத் கஃவா வுலீத், ஂலீ ஂசரஃரீத், ஂலலாவ ஃரூ லுஃரீத் ஂல ஂஃ கணஃஃ கஃவா வுலீத் ஃநநுரூ வுலீந் வுலுஃரீத் ஃராக்ணா ஃலாநாசகவ ஃந்ந.
		கடந்த 24 மணித்தியாலங்களில் மழைவீழ்ச்சி 150 மி.மீ களை மேவியுள்ளதனால்- மழை தொடருமாயின் மண்சரிவு, சாய்வு இஃந்து விழுக்கை, பாறை விழுக்கை, நிலவெட்டுசாய்வு இஃந்து விழுக்கை மற்றும் தரை ஁ள்ளிறக்கம் என்பவற்றின் அபாயங்களை தவிர்ப்பதற்காக பாதுகாப்பான பகுதிகளுக்கு வெளியேறவும்.

Locations of potential risk

காசியூதே அபදානම පැවතිය හැකි ප්‍රදේශ

கனதியான அபாயமுள்ள இடங்கள்

Divisional Secretariat Divisions and Locations

District	Divisional Secretariat Divisions and Locations			Areas and places which need special attention
	Level 1 (Yellow)	Level 2 (Amber)	Level 3 (Red)	
Rathnapura		Ayaganma Kahawatta Kalawana Kiriella Kolona Nivitigala Pelmadulla Balangoda Godakawela Imbulpe Opanayaka Weligepola Divisional secretariat divisions and surrounding areas.	Ratnapura↑ Elapatha↑ Kuruwita↑ Ehaliyagoda↑ 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 කඳුකර බෑවුම් හා ඒ ආශ්‍රිත ප්‍රදේශ තුළ පිහිටි නිර්මිත
Kegalle	Warakapola Divisional secretariat division and surrounding areas.	Galigamuwa Kellgalle Yatyanthota Rambukana Divisional secretariat divisions and surrounding areas.	Bulathkopitiya↑ Dehiovita↑ Deraniyagala↑ Ruwanwella↑ Aranayaka↑ Mawanalle ↑ Divisional secretariat divisions and surrounding areas.	பிரதேச செயலக பிரிவினுள்ளான சகல மலைப்பாங்கான பகுதிகள் மற்றும் வெட்டப்பட்ட நிலச் சாய்வுகள் <u>Specially:</u> All the landslide susceptible areas previously identified by NBRO. විශේෂ: ජාතික ගොඩනැගිලි පර්යේෂණ සංවිධානය විසින්
Kandy	Thumpane Divisional secretariat division and surrounding areas.	Pasbage Korale Gangalhala Korale Udapolatha Doluwa Delthota* Divisional secretariat divisions and surrounding areas.		කාසියුතේ අපදානමක් ඇති ලෙස පූර්වයෙන් හදුනාගෙන ඇති ප්‍රදේශ விசேடமாக: NBROவினால் முன்னர் அடையாளப்படுத்தப்பட்ட மண்சரிவுக்கான ஏதுநிலையுள்ள சகல பிரதேசங்கள்.

Matale	Matale, Rattota, Ukkuwela Divisional secretariat division and surrounding areas.			
Nuwara Eliya			Ambagamuwa↑ Kothmale↑ Nuwara Eliya ↑ Divisional secretariat divisions and surrounding areas.	
Badulla	Haldumulla Divisional secretariat division and surrounding areas.			
Kalutara		Beruwala* Kalutara* Millaniya* Divisional secretariat divisions and surrounding areas.	Palinda Nuwara↑ Agalawatta↑ Bulathsinhala↑ Ingiriya↑ Walalawita↑ Divisional secretariat division and surrounding areas.	
Galle			Elpitiya↑ Galle Four Gravest↑ Nagoda↑ Neluwa↑ Thawalama↑ Divisional secretariat division	

			and surrounding areas.	
Kurunagala	Ibbagamuwa Malwalapitiya Mawathegama Rideegama Divisional secretariat divisions and surrounding areas.			
Colombo	Seethawaka Divisional secretariat division and surrounding areas. Be vigilant on the possibility of slope, cut slope and retaining wall failures.			
Gampaha	Be vigilant on the possibility of slope, cut slope and retaining wall failures.			
Note: ↑shifted one level up, ↑↑shifted two levels up, ↓shifted one level down, ↓↓shifted two levels down. *newly added with the last update				

විශේෂ සටහන: කරුණාකර මෙම නායයෑම් පිළිබඳ පූර්ව අනතුරු හැඟවීම් කාලසීමාව තුළ පහත කරුණු වෙත ඔබේ අවධානය යොමු කරන්න.

1. පහත දැක්වෙන නායයෑම් පූර්ව ලක්ෂණ පිළිබඳ සැලකිලිමත් වන්න.

- පොළවේ ඇති වන ඉරි තැලීම්, ගැඹුරට හැරුණු පැළුම් හා පොළවේ ගිලා බැසීම්
- ක්‍රමයෙන් ඇලවී යන ගස්, විදුලි කණු, වැටවල් හා දුරකථන කුළුණු ආදිය
- ගොඩනැගිලිවල ගෙබිම හා බිත්තිමත ඇතිවන පිපුරුම් හා ඒවායේ ක්‍රමික වර්ධනය වීම්
- එක්වර ජල උල්පත් ඇතිවීම හෝ පෙර පැවති ජල උල්පත් බොරවීම, අවහිරවීම හෝ නැතිවීම

2. එවන් නායයාමක පූර්ව ලක්ෂණ දක්නට ලැබෙන ප්‍රදේශ වලින් හැකි ඉක්මනින් ඉවත් වන්න.

3. ൾ൬ ൿൺതരവ ൿൺതുറവ ൿൺഭനയ വീടന്തി ഹി ൿനുമാന කරන ൿുറ്റേറ വള ൿിവന് വന ൿുറ്റേറടിന് വഹി വറയെന് പരിഷ്കാരീ വീട്യനു ൿുനര ഫഹി വർജ നന്വിയ നവറ്റുറവ് പവതുനലോന് ൿുറക്ഷിത പ്പാനയക് കറാ ക്ഷണികവ റുവന്വ ഹാമവ ൿുദാനമിവ ഹിവീട ൿുതുട.

പുറപ്പ: ൿുനിക ഗ്രഹിതഗ്രിറ്റി പരിഷ്കരണ ൿുവിവാനയെന് പസ ൿുപുറാ കളമാനാക്കരണ മഡപ്പാനയെന് റുവനെ വഹിറ്റുറ റുപറ്റേഴ് ൿുനുഗതനയ കരന്ത.

Special Note: During this Landslide Early Warning period, please pay attention to the following:

1. Pay your attention to the following pre landslide signs,
 - Development of cracks on the ground, deepened cracks and ground subsidence
 - Slanting of trees, electrical posts, fences and telephone posts
 - Cracks in the floors and walls of buildings which are built at slopes
 - Sudden appearance of springs, emerging muddy water, blockage or disappearance of existing springs
2. People should move immediately away from the areas where they noticed the above pre-landslide signs.
3. Furthermore, people living in landslide susceptible areas should be extra vigilant and should be ready to move quickly to safe places if heavy rain continues.

Note: Communities are advised to follow the instructions given by National Building Research Organization and Disaster Management Center.

വിശേഷ കുறிப்பு: മണ്ണടിപ്പു മുണ്ണെപ്പിക്കൈ കാലപ്പകൃതിയില് പിണ്വരുവന്നവണ്ണില് കവന്നം എുക്കവും

1. പിണ്വരും മണ്ണടിപ്പു മുണ് അറிகൂറികണെയിറ്റു കവന്നത്തൈ ശെല്ലുത്തവും.
 - നിലത്തില് വെറ്റിപ്പു ഉറുവാകുതല്, ആമാകും വെറ്റിപ്പുകള് മണ്ണും തരൈ ഉണ്ണിറുക്കങ്കള്.
 - മരങ്കള്,മിണ് കമ്പങ്കള്, വേലികള്, മണ്ണും തൊലൈപ്പേടിക കമ്പങ്കള് സായ്വடைതല്.
 - സായ്വുകളില് അമ്മെന്തുണ്ണ കட்டിടങ്കണിണ് തരൈമണ്ണും കുവറങ്കണില് വെറ്റിപ്പുകള് ഉറുവാകുതല്.
 - നിലத்திலிருந்து തിമരെന്ന നീറുന്നുകള്, ശേണ്ണു നീറ തോണ്ണുതല് മണ്ണും തണ്പോതുണ്ണ നീറുന്നുകള് തடைப்பറ്റുതല് അல்லതു ഇല്ലാതു പോകുതല്.
2. മണ്ണടിപ്പുക്കു മുണ്ണറററ അറികൂറികണൈ കൊണ്ഡ ഇടങ്കണിലിറുന്തു ഉടന്നடியാക മക്കള് അப்பാല് നകര വേണ്ണും.
3. മേല്ലും, പാതിപ്പു എதுനിലെയുണ്ണ പകൃതികണില് വാழും മക്കള് മേലതിക വിழിപ്പുடன் இருക്കവേണ്ണും എன்பതുடன் കറും മழൈ തൊറുമായിണ് വിറൈവാക പാതുക്കാப்பററ ഇടங்கുറുക്കു നകര ஆய்த்தமாகவும் இருக்கവേണ്ണം.

குறிப்பு: தயவுசெய்து தேசிய கட்டிட ஆராய்ச்சி நிறுவனம் மற்றும் அணர்த்த முகாமைத்துவ நிலையம் என்பவற்றின் அறிவுறுத்தல்களை பின்பற்றவும்