

South - West monsoon May 2018



# Summary Situation Report

## Sri Lanka

24<sup>th</sup> May 2018 - 1200 hrs



DISASTER MANAGEMENT  
CENTER SRI LANKA



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



## 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

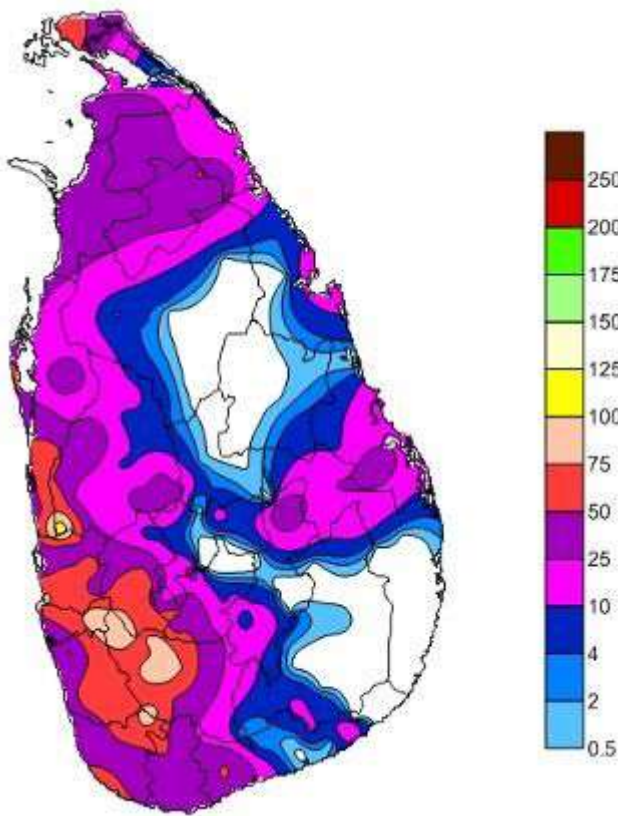
Department of Meteorology highlighted last 18-24 hours rainfall observed in main stations ended on morning hours of 24nd May 2018 showing reduction of rainfall in many areas; in Avissawella 92.6mm, Ratnapura-68.4mm, Nivithigala-92.2mm, Galle-69.7mm, Mannar-54.7mm, Colombo-55.8mm. The highest rainfall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



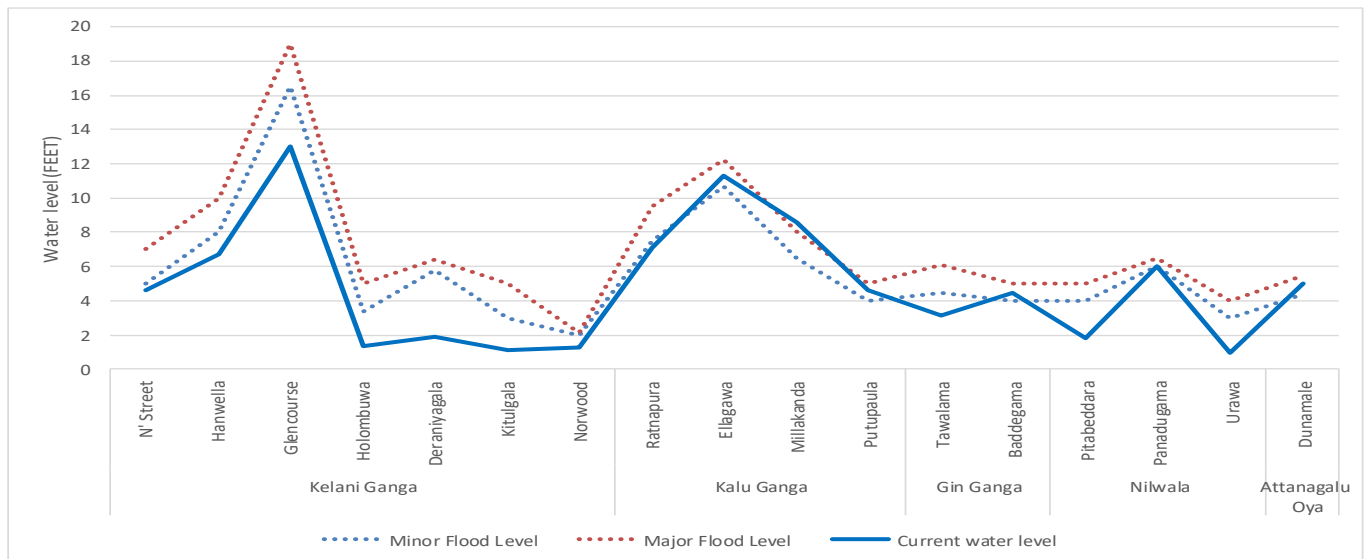
As a result of severe rains, 125,954 people (32,136 families) have been affected (the Disaster Situation Report, National Disaster Relief Services Centre (NDRSC) at 1000 hours on 24rd of May 2018). People at flood risk have been evacuated to safe locations and the total number of welfare centres. Approximately, 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**

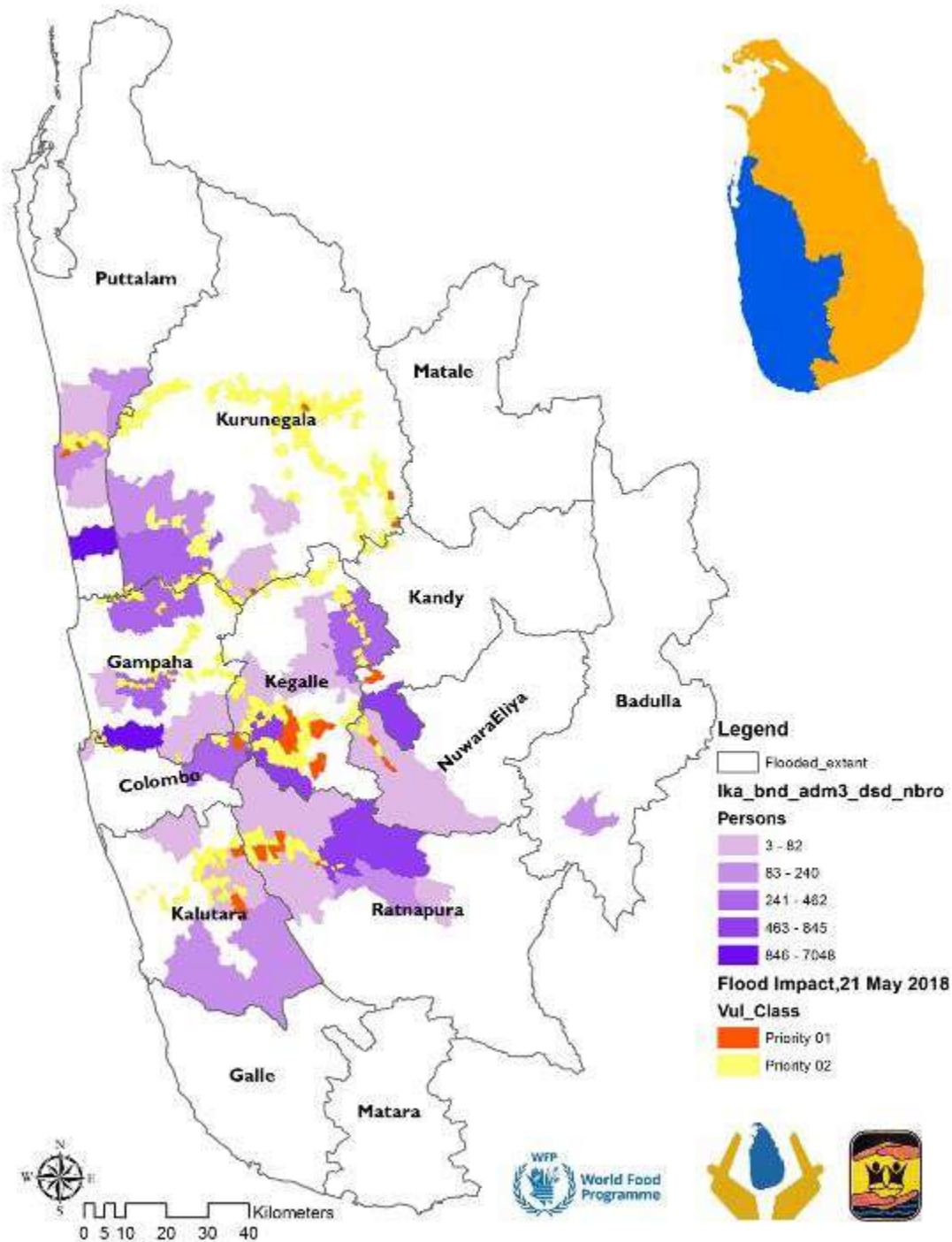


**Source: Department of Irrigation**

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			
<b>Total</b>		<b>33</b>	<b>693</b>	<b>726</b>

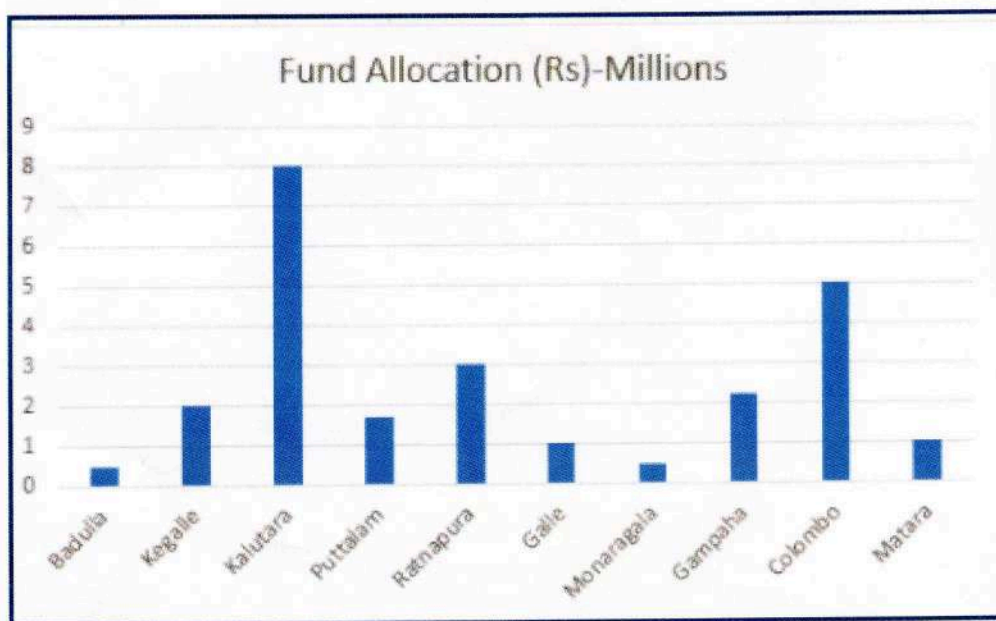
### Stand by Forces:

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

### 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	
<b>Total</b>		<b>59</b>	<b>47</b>	<b>05</b>

**FIGURE 04: Disaster Relief Assistance advanced by NDRSC**



NDRSC has allocated 24.9 Million Sri Lankan rupees to the most affected districts in order to assist the severely affected populations ( See Figure 04).

Moreover, stocks of life Jackets, Boots, Raincoats, Sleeping sheets, and Blanket were mobilized to Kalutara and Ratnapura districts by DMC & NDRSC.

Report produced at the Disaster Management Centre (DMC)  
Ministry of Irrigation, Water resources and Disaster Management

Dr. S. Amalanathan  
Director General,  
Disaster Management Centre

SGD

Eng Sisira Kumara  
Secretary, Ministry of Irrigation, Water Resources &  
Disaster Management

# Current needs at ground compiled by NDRSC

Administrative Division		Requirements														
No	District	Division	Male Hygiene kits	Female Hygiene kits	Baby Hygiene kits	Blankets	Bed Sheets	Towels	Mosquito coil	Mats	Folding mattress	Kitchen sets	clothes	Water pumps	tents	Tarpoline Shets
1		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				
	Puttalam	Mattandiya	1,319	1,979	660	1500	400	400	85	400	200	1,800	200			
		Chilaw	80	120	40	500	200	200	40	200	100	90	100			
		Madampe	9	14	5							7				
		Wennappuwa	0	0	0	50	50	50	30	25			25			
		District Secretariat	0	0	0	200										
		<b>Sub Total (06)</b>	<b>2,321</b>	<b>3,482</b>	<b>1,161</b>	<b>3,000</b>	<b>1,000</b>	<b>1,000</b>	<b>225</b>	<b>1,000</b>	<b>450</b>	<b>2,744</b>	<b>500</b>	<b>25</b>	<b>50</b>	<b>1,000</b>
2		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				
	Gampaha	Biyaagama	2,948	4,422	1,474	2000	4,000	1,000		200	100	1,942				
		Diulapitiya	163	244	81	130	250	50				122				
		Kelanaya	2,327	3,491	1,164	1600	3,500	750				1,568				
		Jaela	27	40	13	20	40	10				17				
		<b>Sub Total (07)</b>	<b>8,970</b>	<b>13,455</b>	<b>4,485</b>	<b>6,415</b>	<b>12,410</b>	<b>2,970</b>	<b>0</b>	<b>200</b>	<b>100</b>	<b>6,234</b>	<b>0</b>	<b>25</b>	<b>30</b>	<b>1,000</b>
3		Kuruvita	19	29	10	15	30					14				
		Ratnapura	457	686	229	300	700	150				329				
		Elapatha	62	93	31	50	75					50				
	Ratnapura	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				
		<b>Sub Total(07)</b>	<b>650</b>	<b>976</b>	<b>325</b>	<b>470</b>	<b>960</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>493</b>	<b>0</b>	<b>50</b>	<b>100</b>	<b>2,000</b>
4		Bulathsinhala	24	36	12	25	50	50				16				
	Kalutara	Walalavita	26	39	13	25	50	50				22				
		<b>Sub Total (02)</b>	<b>50</b>	<b>75</b>	<b>25</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38</b>	<b>0</b>	<b>50</b>	<b>50</b>	<b>1000</b>
5		Udubaddawa	67	101	34	35	100	35				71				
		Pannala	104	156	52	40	150	40				93				
	Kurunegala	Bamunakotuwa	62	93	31	25	75	20				55				
		Alawwa	27	41	14	40	40	10				19				
		Kuliyapitiya West	33	50	17	50	50	10				25				
		<b>Sub Total (05)</b>	<b>293</b>	<b>440</b>	<b>147</b>	<b>100</b>	<b>415</b>	<b>115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>263</b>	<b>0</b>	<b>30</b>	<b>15</b>	<b>1000</b>
6		Seethawaka	213	320	107	75	300	60				137				
	Colombo	Colombo	32	48	16	50	50					20				
		Kolonnawa	377	565	188	100	500	100				280				
		<b>Sub Total (03)</b>	<b>621</b>	<b>932</b>	<b>311</b>	<b>175</b>	<b>850</b>	<b>160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>437</b>	<b>0</b>	<b>25</b>	<b>15</b>	<b>500</b>
		<b>Total</b>	<b>12,905</b>	<b>19,358</b>	<b>6,453</b>	<b>10,210</b>	<b>15,735</b>	<b>4,495</b>	<b>225</b>	<b>1,200</b>	<b>550</b>	<b>10,209</b>	<b>500</b>	<b>205</b>	<b>260</b>	<b>6,500</b>

## 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





**WEATHER FORECAST FOR 25<sup>th</sup> MAY 2018**

**(Issued at 1200 noon on 24<sup>th</sup> May 2018)**

**Prevailing rainy condition in the South-western part of the island is expected to continue.**

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

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

Showers or thundershowers will occur in Jaffna, Mannar and Mullaitivu districts in the morning too.

Heavy falls, about 100-150 mm can be expected at some places in Sabaragamuwa, Western, Central and North-western provinces and in Galle, Matara districts.

Fairly heavy falls, above 50 mm can be expected at some places in Northern Province.

**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 නිරිත දිග කොටසේ පවතින වැසි සහිත කාලගුණ තත්ත්වය කඩදුරටත් බලාපොරොත්තුවේ.

බස්නාහිර, දකුණු, සබරගමුව, මධ්‍යම සහ වයඹ පළාත්වල විටින් විට වැසි හෝ ගිගුරුම් සහිත වැසි ඇති වේ.

සෙසු පළාත්වල විශේෂයෙන් සවස 2.00 න් පසු වැසි හෝ ගිගුරුම් සහිත වැසි ඇති වේ.

යාපනය, මන්නාරම සහ මුලතිව් දිස්ත්‍රික්කවල උදෑසන කාලයේදීත් වැසි හෝ ගිගුරුම් සහිත වැසි ඇති වේ.

සබරගමුව, බස්නාහිර, මධ්‍යම සහ වයඹ පළාත්වලත් ශාල්ල සහ මාතර දිස්ත්‍රික්කවලත් ඇතැම් ස්ථානවලට මි.මි.100-150 ක පමණ තද වැසි ඇති විය හැක.

උතුරු පළාතේ ඇතැම් ස්ථානවලට මි.මි.50 ට වැඩි තරමක තද වැසි ඇති විය හැක.

ගිගුරුම් සහිත වැසි ඇති වන විට එම ප්‍රදේශවල තාවකාලිකව තද සුළං ඇති විය හැක. දකුණු මහින් 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 1200 noon on 24<sup>th</sup> May 2018)**

**Windy and showery conditions are expected to further enhance in the Western and southern sea areas.**

Showers or thundershowers will occur at times in the sea areas around the island.

Heavy showers can be expected at some places, particularly in the sea area extending from Kankasanturai to Mathara via Mannar, Colombo and Galle.

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

**Sea area extending from Mannar to Potuvil via Puttalam, Colombo, Galle and Hambantota can be rough or very rough at times as the wind speed can increase up to 60-70 kmph at times.**

**Temporarily very strong gusty winds (up to 70-80 kmph) and rough seas can be expected during thundershowers. Navel and fishing communities are also requested to be vigilant in this regards.**

ඉදිරි පැය 24 සඳහා දිවයින වටා ඇති මුහුදේ කාලගුණ තත්ත්වය.  
2018 මැයි මස 24 වන දින මධ්‍යහන 1200 ට නිකුත් කරන ලදී.

දිවයිනට බස්නාහිර සහ දකුණු දෙසින් වන මුහුදු ප්‍රදේශවල වැසි සහ සුළං තත්වයේ වැඩි වීම කඩදුරටත් බලාපොරොත්තුවේ.

දිවයින වටා මුහුදු ප්‍රදේශවල විටින් විට වැසි හෝ ගිගුරුම් සහිත වැසි ඇති වේ.

ඇතැම් ස්ථානවලට, විශේෂයෙන් කන්කසන්තුරය සිට මන්නාරම, කොළඹ සහ ශාල්ල හරහා මාතර දක්වා වන මුහුදු ප්‍රදේශවල තද වැසි ඇතිවීමේ හැකියාවක්ද පවතී.

දිවයින වටා වන මුහුදු ප්‍රදේශවල සුළං බටහිර සිට නිරිත දක්වා වූ දිශා වලින් හමන අතර සුළගේ වේගය පැ.කි.මි. 30-40 ක් පමණ වේ.

මන්නාරම සිට පුත්තලම, කොළඹ, ශාල්ල සහ හම්බන්තොට හරහා පොතුච්ඡේ දක්වා වන මුහුදු ප්‍රදේශවල සුළගේ වේගය විටින් විට පැ.කි.මි. 60-70 දක්වා වැඩි විය හැකි අතර එවිට එම මුහුදු ප්‍රදේශ රළු හෝ ඉතා රළු විය හැක.

ගිගුරුම් සහිත වැසි ඇති වන විට එම ප්‍රදේශවල තාවකාලිකව ඉතා තද සුළං (පැ.කි.මි. 70-80 දක්වා) ඇති විය හැකි අතර එවිට එම මුහුදු ප්‍රදේශ තාවකාලිකව රළු විය හැක.

ධීවර සහ නාවුක ප්‍රජාවට මේ පිලිබදව ඉතා අවධානයෙන් කටයුතු කරන ලෙසත් ඉල්ලා සිටිනු ලැබේ.

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

EMERGENCY OPERATIONS DIVISION  
RECEIVED  
Date: 24/05/2018  
Time: 12:15  
D O M BOGADO  
DISASTER MANAGEMENT CENTRE





වාරිමාර්ග දෙපාර්තමේන්තුව  
நீர்ப்பாசனத் திணைக்களம்  
**IRRIGATION DEPARTMENT**



අධ්‍යක්ෂ ජනරාල්  
பணிப்பாளர் நாயகம்  
Director General } 011-2584984

ෆැක්ස්  
பக்ஸ்  
Fax } 011-2505890

ලිපිනය  
முகவரி  
Address } 230, කැ.පෙ. 1138, බෞද්ධලොක මාවත, කොළඹ 07, ශ්‍රී ලංකාව  
230, த.பெ.1138, பௌத்தாலோகமாவத்தை, கொழும்பு 07, இலங்கை  
230, P.O. Box 1138, BauddhalokaMawatha, Colombo 07, Sri Lanka

දුරකථනය (සාමාන්‍ය)  
தொலைபேசி  
Telephone (General) } 011-2581162

විද්‍යුත් ලිපිනය  
ஈ.மேயல்  
E-mail Address } dgirrigation@gmail.com

වෙබ් අඩවිය  
இணையம்  
Web site } www.irrigation.gov.lk

මගේ අංකය  
எனது இல  
My No. } Dr, FS & DM/ IO  
ROOM/ 115

ඔබේ අංකය  
உமது இல  
Your No. }

දිනය  
திகதி  
Date } 24-05-2018

Director General,  
Disaster Management Center

**Flood Situation Report by Irrigation Department - As at 9.00 AM – 2018-05-24**

Flood situation over the Island is as follows.

No.	River Basin	Flood Situation	Affected Divisional Secretary Areas
1	Nilwala River	Affected by minor floods. Flood levels of unprotected low line areas which are inundated <b>decreasing gradually.</b>	Pitabaddara, Akuressa, Athuraliya, Kamburupitiya, Malimbada, Thihagoda, Kadawathsathara, Matara
2	Gin Ganga	Affected by minor floods. Flood levels of unprotected low line areas which are inundated <b>decreasing gradually.</b>	Baddegama, Bope Poddala, Welivitiya, Divithura, Nagoda, Niyagama, Thawalama, Neluwa
3	Kalu Ganga	Affected by minor floods. Flood levels of unprotected low line areas which are inundated <b>slightly decreasing.</b>	Kalutara, Dodamgoda, Millaniya, Madurawala, Horana, Palindanuwara, Bulathsinhala, Ingiriya, Kiriella, Kuruwita, Ealapatha, Ratnapura
4	Kelani Ganga	Affected by minor floods. Flood levels of unprotected low line areas which are inundated <b>decreasing gradually.</b>	Colombo, Kelaniya, Kolonnawa, Biyagama, Kaduwela, Hanwella, Dompe, Ruwanwella, Dehiowita, Deraniyagala
5	Attanagalu Oya	Affected by minor floods. Flood levels of unprotected low line areas which are inundated <b>decreasing gradually.</b>	Megamuwa, Ja Ela, Katana, Minuwangoda, Gampaha, Aththanagalla
6	Ma Oya	<b>Becoming normal.</b>	Pannala, Diwlapitiya
7	Mahaweli Ganga	<b>Becoming normal.</b>	Nawalapitiya

**Forecast for flood situation**

Flood situation around the Island would gradually become normal within next 24 hours if a considerable rainfall (above 100 mm/day) is not occurred.

Eng. G. P. Gunawardana

Director of Irrigation (Drainage, Flood Systems & Disaster Management)  
For Director General of Irrigation

EMERGENCY OPERATIONS DIVISION

RECEIVED

Date : 2018/05/24

Time : 10:15

වැසිදිය හසුරුවා සිඳිලක සිසිරිමත් කරමු,  
மழைநீரை முகாமைப்படுத்தவும் இலங்கையை செவ்வழியுடனும்  
Managing Rain Water --- Make Sri Lanka Prosperous

**Islandwide Water Level Situation in Major Rivers (Corrected)**

DATE : 24-May-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	Cordinate	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'	2085	ft	4.00	5.00	7.00	4.55	4.60	Alert	Rising
	Hanwella	6° 54' 39.38" N 80° 05'	1782	m	7.00	8.00	10.00	6.82	6.73	Normal	
	Glencourse	6° 58' 25" N 80° 11' 3"	1463	m	15.00	16.50	19.00	13.17	13.05	Normal	
	Holombuwa	7° 11' 6.6" N 80° 15'	155	m	3.00	3.40	5.00	1.39	1.37	Normal	
	Deraniyagala	6° 55' 23.23" N 80° 20'	183	m	4.80	5.80	6.40	1.94	1.86	Normal	
	Kitulgala	6° 59' 25" N 80° 24'	383	m	2.00	3.00	5.00	0.88	1.13	Normal	
	Norwood	6° 50' 8.32" N 80° 36'	97	m	1.50	2.00	2.15	1.32	1.30	Normal	
Kalu Ganga (RB 03)	Ratnapura	6° 40' 43.2" N 80° 23'	603	m	5.20	7.50	9.50	7.19	7.10	Alert	Falling
	Ellagawa	6° 43' 54" N 80° 13'	1393	m	10.00	10.70	12.20	11.29	11.27	Flood	Falling
	Millakanda	6° 37' 50.3" N 80° 9'	780	m	5.00	6.50	8.00	8.61	8.59	Flood	Falling
	Putupaula	6° 36' 51.9" N 80° 3'	2598	m	3.00	4.00	5.00	4.58	4.58	Flood	
Gin Ganga (RB 09)	Tawalama	6° 20' 33.3" N 80° 19'	377	m	4.25	4.50	6.10	3.15	3.11	Normal	
	Baddegama	6° 10' 25" N 80° 10'	749	m	3.50	4.00	5.00	4.50	4.50	Flood	
Nilwala Ganga (RB 12)	Pitabeddara	6° 12' 48.2" N 80° 28'	310	m	3.25	4.00	5.00	1.83	1.79	Normal	
	Panadugama	6° 08' 00" N 80° 29'	445	m	5.00	6.00	6.50	6.06	6.02	Flood	Falling
	Urawa	6° 14' 11.8" N 80° 34'	59	m	2.50	3.00	4.00	1.04	1.00	Normal	
Kirindi Oya (RB 22)	Tanamalwila	6° 28' 5.9" N 81° 8'	749	m	4.00	5.00	5.50	0.87	0.86	Normal	
	Wellawaya	6° 42' 33.3" N 81° 6'	172	m	4.40	5.40	5.90	0.90	0.90	Normal	
	Kuda Oya	6° 31' 28.8" N 81° 07'	291	ft	20.00	25.00	26.00	1.95	1.95	Normal	
Maduru Oya (RB 54)	Padiyatalawa	7° 23' 0" N 81° 11' 30"	159	m	4.00	4.50	6.00	0.85	0.84	Normal	
Kumbukkan Oya (RB 31)	Nakkala	6° 53' 42.4" N 81° 17'	215.5	m	5.00	6.00	7.50	0.87	0.87	Normal	
Heda Oya (RB 36)	Siyambalanduwa	6° 54' 18.5" N 81° 32'	295	m	4.50	5.00	5.60	0.55	0.55	Normal	
Mahaweli Ganga (RB 60)	Peradeniya	7° 16' 3" N 80° 36' 30"	1168	m	5.00	7.00	9.00	3.61	3.58	Normal	
	Nawalapitiya	7° 2' 55" N 80° 32' 3" E	176	m	3.00	4.00	4.50	1.68	1.68	Normal	
	Weragantota	7° 19' 0" N 80° 59'	4092	m	5.00	6.00	8.00	-2.21	-2.09	Normal	
	Manampitiya	7° 54' 53.3" N 81° 5'	7418	m	3.50	3.70	4.00	0.08	0.10	Normal	
	Taldena	7° 5' 26.7" N 81° 2'	276	m	3.00	4.00	5.00	1.02	1.02	Normal	
	Calidonia	6° 54' 8.3" N 80° 42'	148	m	-	-	-	1.22	1.21	-	
Yan Oya (RB 67)	Horowpatana	8° 34' 39.44" N 80° 52'	720	m	6.00	7.30	10.44	1.48	1.48	Normal	
Malwathu Oya (RB 90)	Tantirimale	8° 35' 13.57" N 80° 16'	2116	m	6.75	7.25	-	1.08	1.09	Normal	
Mee Oya (RB 95)	Galgamuwa	7° 58' 13.3" N 80° 15'	299	m	4.84	5.94	7.00	0.08	0.07	Normal	
Maha Oya (RB 102)	Badalgama	7° 18' 3.3" N 79° 58'	1360	ft	1.00	5.00	16.00	-2.80	-3.05	Normal	
	Giriulla	7° 19' 30" N 80° 6'	1192	m	5.00	6.00	6.50	2.66	2.61	Normal	
Attanagalu Oya (RB 103)	Dunamale	7° 7' 0" N 80° 4' 54.5" E	153	m	3.30	4.40	5.50	5.05	5.03	Flood	Falling



## Landslide Early Warning

නායයෑම් පිළිබඳ පූර්ව අනතුරු ඇඟවීම  
මණ්සරිචු මුණ්ණෙසරිචුකක

From 16:00hrs on 21.05.2018 to 16.00hrs on 22.05.2018

21.05.2018 දින.16.00, සිට 22.05.2018 දින 16.00.දක්වා

21.05.2018 මණ් 16.00 இலிருந்து 22.05.2018 மணி 16.00 வரை

1<sup>st</sup> update:16.00 h on 22.05.2018, 2<sup>nd</sup> 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./දු.ක./தொ.பே-0112588946

Fax/ෆැක්ස්/தொ.ந-0112589943

Warning level 1:

Color Code:

අදියර 1:

වර්ණ කේතය:

எச்சரிக்கை மட்டம் 1:

வாண் குறியீடு:

Watch

Yellow

විමසිලීමක්

කහ

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.

පසු ගිය පැය 24 තුළ වර්ෂාපතනය 75mm ඉක්මවා ඇති බැවින්, වර්ෂාව නවදුරටත් පවතී නම් නායයෑම්, බැවුම් කඩා වැටීම්, ගල් පෙරළීම්, පස් කණ්ඩි කඩා වැටීම් සහ පොළොව ගිලා බැසීමේ අවදානම පිළිබඳව විමසිලීමක් වන්න.

கடந்த 24 மணித்தியாலங்களில் மழைவீழ்ச்சி 75 மி.மீ களை மேவியுள்ளதனால்- மழை தொடருமாயின் மண்சரிவு, சாய்வு இடிந்து விழுகை, பாறை விழுகை, நிலவெட்டுசாய்வு இடிந்து விழுகை மற்றும் தரை உள்ளிறக்கம் என்பவற்றின் சாத்தியங்களுக்கான அவதானிப்புடன் இருக்கவும்.

Warning level 2:

Color Code:

අදියර 2:

වර්ණ කේතය:

எச்சரிக்கை மட்டம் 2:

வாண் குறியீடு:

Alert

Amber

අවධාන

ඇම්බර්

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.

පසුගිය පැය 24 තුළ වර්ෂාපතනය 100 mm ඉක්මවා ඇති බැවින්, වර්ෂාව නවදුරටත් පවතී නම් නායයෑම්, බැවුම් කඩා වැටීම්, ගල් පෙරළීම්, පොළොව ගිලා බැසීමේ සහ පස් කණ්ඩි කඩා වැටීම් අවධානම පිළිබඳ අවධානයෙන් සිටි අවශ්‍ය වුවහොත් ආරක්ෂාකාරී තැනකට යාමට සූදානම් වන්න.

கடந்த 24 மணித்தியாலங்களில் மழைவீழ்ச்சி 100 மி.மீ களை மேவியுள்ளதனால்- மழை தொடருமாயின் மண்சரிவு, சாய்வு இடிந்து-விழுகை, பாறை-விழுகை, நிலவெட்டுசாய்வு இடிந்து-விழுகை மற்றும் தரை-உள்ளிறக்கம் என்பவற்றின் சாத்தியங்களையிட்டு எச்சரிக்கையுடன்- தேவையேற்படின் பாதுகாப்பான இடங்களுக்கு வெளியேறும் தயார் நிலையில் இருக்கவும்.

Warning level 3:

Color Code:

අදියර 3:

වර්ණ කේතය:

எச்சரிக்கை மட்டம் 3:

வாண் குறியீடு:

Evacuation

Red

ඉවත්වීම

රතු

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.

පසුගිය පැය 24 තුළ වර්ෂාපතනය 150mm ඉක්මවා ඇති බැවින්, වර්ෂාව නවදුරටත් පවතී නම් නායයෑම්, බැවුම් කඩා වැටීම්, ගල් පෙරළීම්, පොළොව ගිලා බැසීමේ සහ පස් කණ්ඩි කඩා වැටීම් අනතුරු වලින් වැලකීමට ආරක්ෂිත ස්ථානයකට යන්න.

கடந்த 24 மணித்தியாலங்களில் மழைவீழ்ச்சி 150 மி.மீ களை மேவியுள்ளதனால்- மழை தொடருமாயின் மண்சரிவு, சாய்வு இடிந்து விழுகை, பாறை விழுகை, நிலவெட்டுசாய்வு இடிந்து விழுகை மற்றும் தரை உள்ளிறக்கம் என்பவற்றின் அபாயங்களை தவிர்ப்பதற்காக பாதுகாப்பான பகுதிகளுக்கு வெளியேறவும்.

### Locations of potential risk

காசியூதே அபிதானம் அபிதானம் அபிதானம்

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  அபாய முள்ள இடங்கள் சேல்குறி காவலியா துரு சிபிவி கட்டகர் வெறுதி னா ஸ் அபாய முள்ள இடங்கள் சிபிவி கிரீதிக
Kegalle	Warakapola  Divisional secretariat division and surrounding areas.	Galigamuwa Kellgalle Yatiyanthota Rambukana  Divisional secretariat divisions and surrounding areas.	Bulathkopitiya↑ Dehiovita↑ Deraniyagala↑ Ruwanwella↑ Aranayaka↑ Mawanalle ↑ Divisional secretariat divisions and surrounding areas.	பிரதேச செயலக பிரிவினாள்ளான சகல மலைப்பாங்கான பகுதிகள் மற்றும் வெட்டப்பட்ட நிலச் சாய்வுகள்  Specially: All the landslide susceptible areas previously identified by NBRO.  விசேஷ: சாதிக்க குவையுரி சீர்தேசனை சிபிவி தாயகத்தே அபிதானம் அபிதானம் அபிதானம்
Kandy	Thumpane  Divisional secretariat division and surrounding areas.	Pasbage Korale GangaIhala Korale Udapalatha Doluwa Delhota* Divisional secretariat divisions and surrounding areas.		விசேஷமாக: NBROவினால் முன்னர் அபாயமுள்ள இடங்கள் 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.

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



3. ൾ േമതരവ അതുരവ ളാഴനട വടലാകി ഹി അതുമാന കരന ധരേഹ വര ഷീവന് വന ധുടേഹരീന് വഹി വറടേന് പരീകാകാരി വടയുതു അനര ഹി വരീഅ നന്വട നവുരവന് പവതുനതോന് ധുരീകീന ഷീവനടകീ കരാ കീകീകവ റുവന്വ ഹതവ ധുദാനതീവ ഷീവട ധുതുട.

**ഷു. ധു:** ഷാനക റോഹനാഹിരീ പരീടേഷനു ഷവീമാനടേന് ഷല ഹാപദാ കരമനാകരനു മവടഷീവനടേന് റുവേന വഹിരൂര ഹുപരേഷീ അതുരമനട 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.

**വിഷേഠ കൂരിപു:** മണസരിവു മുന്നെഷസരിക്കക കಾಲപുകുതിയില് പിന്വറുവനവന്റീല് കവനമ് റുക്കവുമ്

1. പിന്വറുവു മണസരിവു മുന് അഹികൂരികണയിറ്റു കവനതതൈ ശെലുതതവുമ്.

- നിലതതീല് വെടിപു ഹുറുവകുതല്, അതുമാകുതം വെടിപുകന് മന്റുതും തരൈ ഹുണ്ണീറക്കങ്കങ്കന്.
- മരങ്കന്,മീന് കമ്പങ്കന്, വേലീകന്, മന്റുതും തൊലൈപേശീക് കമ്പങ്കന് ഷായ്വവൈതല്.
- ഷായ്വകന്ലീല് അമന്തുണ്ണ കറ്റിഡങ്കന്ലീന് തരൈമന്റുതും ഷവരകന്ലീല് വെടിപുകന് ഹുറുവകുതല്.
- നിലതതീലീറുന്തു തീരേന നീറുന്റുകന്, ശേറു നീ തോന്റുതല് മന്റുതും തന്റുതാണുണ്ണ നീറുന്റുകന് തവൈപറ്റുതല് അല്ത തീല്താതു പുകുതല്.

2. മണസരിവുക്കു മുന്ററാന അഹികൂരികണ കോണ്ഡ ഇഡങ്കന്ലീറുന്തു ഹുഡന്റുവക മക്കന് അപാല് നകര വേണ്റുതും.

3. മേലുതും, പാതിപു റുതനിലൈയുണ്ണ പുകുതീകന്ലീല് വാതുതും മക്കന് മേലതീക വിഴിപുഡന് ഇറുക്കവേണ്റുതും ണ്പതാഡന് കറുതും മഴൈ തൊറുമായിന് വിരൈവക പാതുകാപാന ഇഡങ്കനുക്കു നകര അധതതമാകവുതും ഇറുക്കവേണ്റുതും.

**കൂരിപു:** തധവുശെയുത തേശീധ കറ്റിഡ അറായ്ശശീ നീറുവനമ് മന്റുതും അന്റുത മുകാമൈതതുവ നിലൈധമ് ണ്പവന്റുതീന് അഹിവുതതതല്കണ പിന്പന്റുതും

<p>Issued by:</p>  <p>Duty Officer</p>	<p>Approved by:</p>  <p>Director</p>	<p>23.05.2018, 16.00 h Date and time issued</p>
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