



South - West monsoon May 2018

Summary Situation Report Sri Lanka

25th May 2018 - 1200 hrs



**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 sixteen people, and more than 130,000 people are affected in 20 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 currently at normal level except Attanagalu-Oya, while five districts (Kegalle, Kalutara, Galle, Ratnapura & Nuwara-Eliya) are on "red alert" for possible landslides.
- ◆ Spill gates of reservoirs in North-western area had to be opened and 20 spill gates of Thabbowa reservoir has been opened. NBRO has still given landslide threat to Ratnapura, Kalutara, Badulla, Kegalle, Kandy, Matale, Nuwara-Eliya, Galle, Colombo and Kurunegala due to earth slips, cut failures and rock falls.
- ◆ South-west monsoon still suppressed by the persisting wind circulations and expecting to be settled by end of this week.
- ◆ River water levels at many stations are gradually decreasing, in Kelani, Nilwala, Gin, Malwathu-oya, Maha-Oya rivers and some areas of Attanagalu-Oya river shows flood levels as of 25th May.

CURRENT SITUATION

Department of Meteorology highlighted last 18-24 hours rainfall observed in main stations ended on morning hours of 25th May 2018 showing reduction of rainfall in south-western areas however some areas has received heavy rainfalls; in Moragaswewa(Deduru-Oya)-151mm, Gampaha-138.5mm, Kuliapitiya-120.5mm, Anamaduwa-117.8mm, Thabbowa-104.2mm, Colombo-55.8mm. The highest rainfall recorded was around 169mm in Hindawa in Ratnapura District.

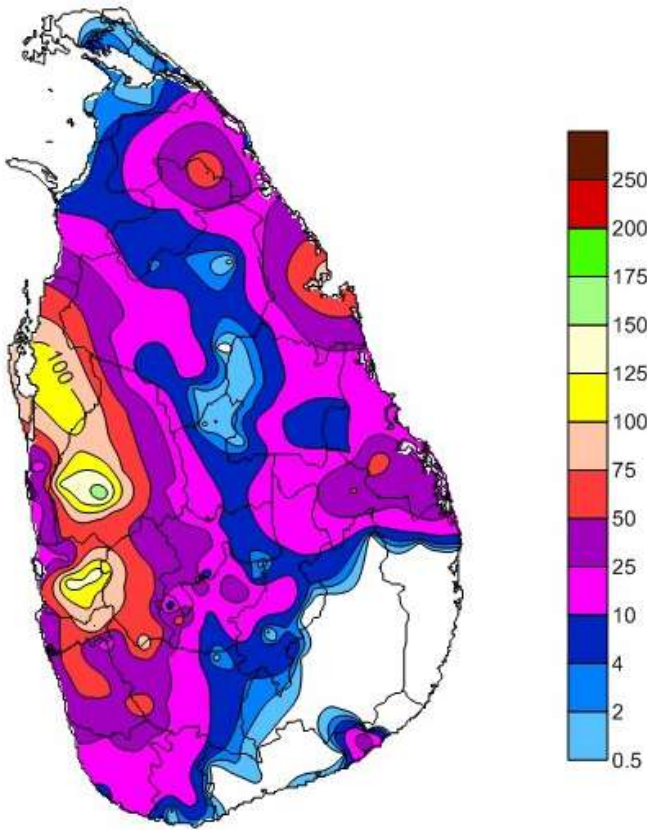
As a result of heavy rains, 138,292 people (35,129 families) have been affected (the Disaster Situation Report , National Disaster Relief Services Centre (NDRSC) at 1200 hours on 25th of May 2018). People at flood risk areas have been evacuated to safe locations. Approximately, 13,199 families have been evacuated into 231 welfare centres due to flood and landslide risks in 10 Districts. As of now 16 deaths & 1 missing were reported to the Disaster Management Centre while 8 people were injured. **NDRSC has provided 35.66 million cash allocations to the 12 District Secretaries to address the immediate needs of the affected populations.**

Ministry of Irrigation, Water Resources and Disaster Management, has called media discussions daily under the leadership of Minister together with Ministry officials and other senior level officials from respective organizations,

Access to Kaduwela main bridge towards Biyagama road is now restored which was closed due to damage to side-wall of the bridge. Down-stream areas in Thabbowa has been inundated and communities are taken to safe areas, Bund of Bingiriya tank also damaged, JaEla-Bowatta road also blocked due to erosion in Uruwal-canal, roads in Malwana also inundated. At present Rjanganaya, Thabbowa and Daduru-Oya are spilling. Boraluwewa in Kobeigane is at spilling level and tank bund was cleared to drain excess water, Road was blocked in Udugampola due to fallen tree, There were deaths reported in Alawwa, Othara, Thiruwampola, Nawathalwatta due to earth slip.

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 63 and partial damages 3,701. Navy divers are in action in this morning to search of missing person "Unasevana" hotel in Biyagama.

FIGURE 01: Rainfall received last 24 hours ending at 0830 hours on 25 May 2018



Prevailing showery condition may continue to next 72 hours in South-western area. Heavy rainfall is expected around 100-150mm Sabaragamu, Western, Central and North-western areas and evening showers can be occurred in other areas in the Island, especially in Northern areas due to current wind disturbance.

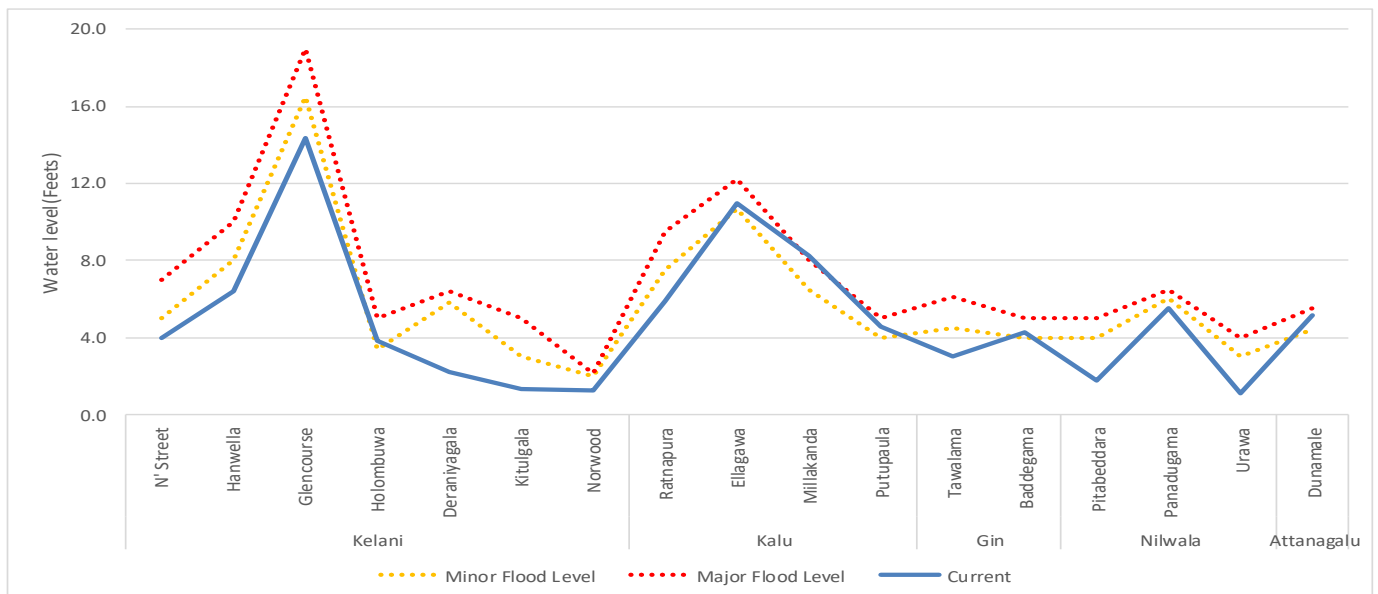
Increase of wind speed is expected in the sea areas and all naval activities to be handled carefully as deep seas can be very rough sometimes.

Department of Irrigation has indicated that several major river levels are decreasing as of 25 May 2018, at 0900 hours which were at flood levels earlier.

However, the recorded rainfall was decreased in South-western areas but most of heavy rains were occurred in North-western areas creating floods in Puttalam and Kurunegala.

Source: Department of Meteorology

FIGURE 02: River water level, 0900 hours 25 May 2018

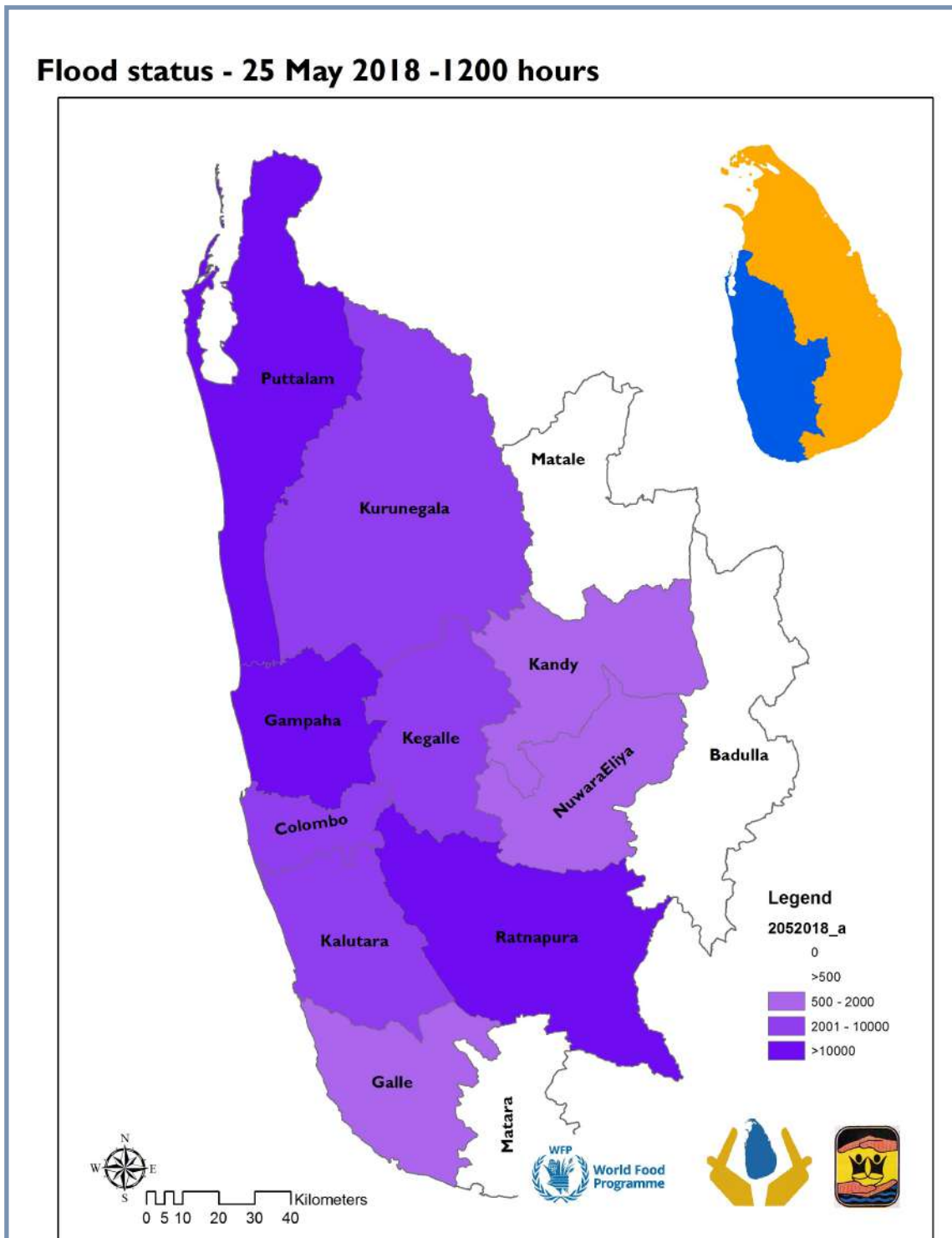


Source: Department of Irrigation

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

FLOOD STATUS AND IMPACT

FIGURE 03: Affected Districts and area prioritization for response



◆ Total affected Families 35,129 and evacuated 13,199 families



◆ Number of households at high risk— Full damage 64, Partially damage 3,841 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

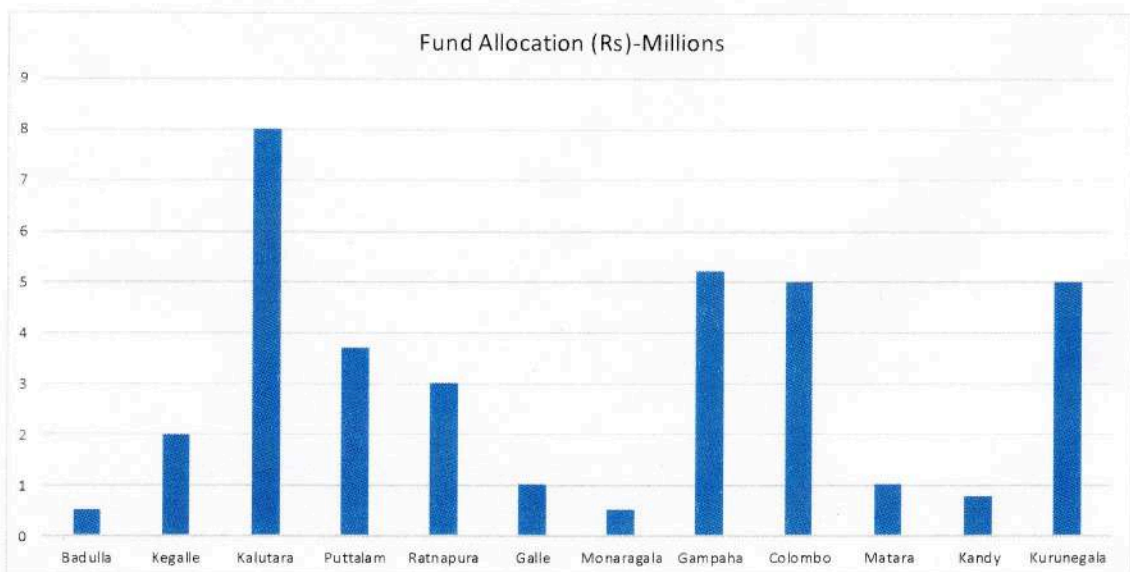
Stand by Forces:

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

FIGURE 04: Disaster Relief Assistance advanced by NDRSC



NDRSC has allocated 35.66 Million Sri Lankan rupees from NITF & Treasury funds 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.

Agencies who are providing humanitarian assistance were directed to North-western areas and also some agencies are supporting communities in affected areas of Kalutara & Ratnapura.

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				
		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						
		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	276	414	138	250	600	150				244				
		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		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		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
5		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	40	10				19				
		Kuliyapitiya West	33	50	17	50	50	10				25				
		Sub Total (05)	293	440	147	100	415	115	0	0	0	263	0	30	15	1000
6		Seethawaka	213	320	107	75	300	60				137				
		Colombo	32	48	16	50	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

WEATHER FORECAST FOR 26th MAY 2018

(Issued at 1200 noon on 25th 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 the Northern province.

Fairly strong winds at times about 40kmph can be expected over the island.

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 තවදුරටත් 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.මී.100-150 ක පමණ තද වැසි ඇති විය හැක.

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

දිවයින හරහා විටින් විට හමන පැ.කි.මී.40 දක්වා තරමක් තද සුළං ඇති විය හැක.

ගිගුරුම් සහිත වැසි ඇති වන විට එම ප්‍රදේශවල තාවකාලිකව තද සුළං ඇති විය හැක. අකුණු මගින් 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 25th 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 25 වන දින මධ්‍යහන 1200 ට නිකුත් කරන ලදී.

දිවයිනට බස්නාහිර සහ දකුණු දෙසින් වන මුහුදු ප්‍රදේශවල වැසි සහ සුළං තත්වයේ වැඩි වීම තවදුරටත් 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.මී. 30-40 ක් පමණ වේ.

මන්නාරම සිට පුත්තලම, කොළඹ, ශාල්ල සහ හම්බන්තොට හරහා පොකුණිල් දක්වා වන මුහුදු ප්‍රදේශවල සුළගේ වේගය විටින් විට පැ.කි.මී. 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.මී. 70-80 දක්වා) ඇති විය හැකි අතර එවිට එම මුහුදු ප්‍රදේශ තාවකාලිකව රළු විය හැක.

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

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

Aut 12/12
12/12

EMERGENCY OPERATIONS DIVISION
RECEIVED
Date : 2018/05/25
Time : 1212 hrs



වාරිමාර්ග දෙපාර්තමේන්තුව
நீர்ப்பாசனத் திணைக்களம்
IRRIGATION DEPARTMENT



අධ්‍යක්ෂ ජනරාල්
பணிப்பாளர் தாயகம்
Director General } 011-2584984

ෆැක්ස්
பகல்
Fax } 011-2505890

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

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

විද්‍යුත් ලිපිනය
* மெயில்
E-mail Address } dgiirrigation@gmail.com

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

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

ඔබේ අංකය
உமது இல
Your No. }

දිනය
திகதி
Date } 25-05-2018

Director General,
Disaster Management Center

Flood Situation Report by Irrigation Department - As at 9.00 AM – 2018-05-25

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 decreasing gradually.	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 decreasing gradually.	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 slightly decreasing.	Kalutara, Dodamgoda, Millaniya, Madurawala, Horana, Palindanuware, Bulathsinhala, Ingiriya, Kiriella, Kuruwita, Ealapatha, Ratnapura
4	Kelani Ganga	Affected by minor floods. Flood levels of unprotected low line areas which are inundated decreasing rapidly.	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 decreasing gradually.	Negombo, Ja Ela, Katana, Minuwangoda, Gampaha, Aththanagalla
6	Ma Oya	Normal.	Pannala, Diwulapitiya
7	Mahaweli Ganga	Normal.	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

Eng. G. P. Gunawardana

Director of Irrigation (Dr., Flood Systems & Disaster Mgt.)

230, Bauddhaloka Mawatha,
Colombo 07