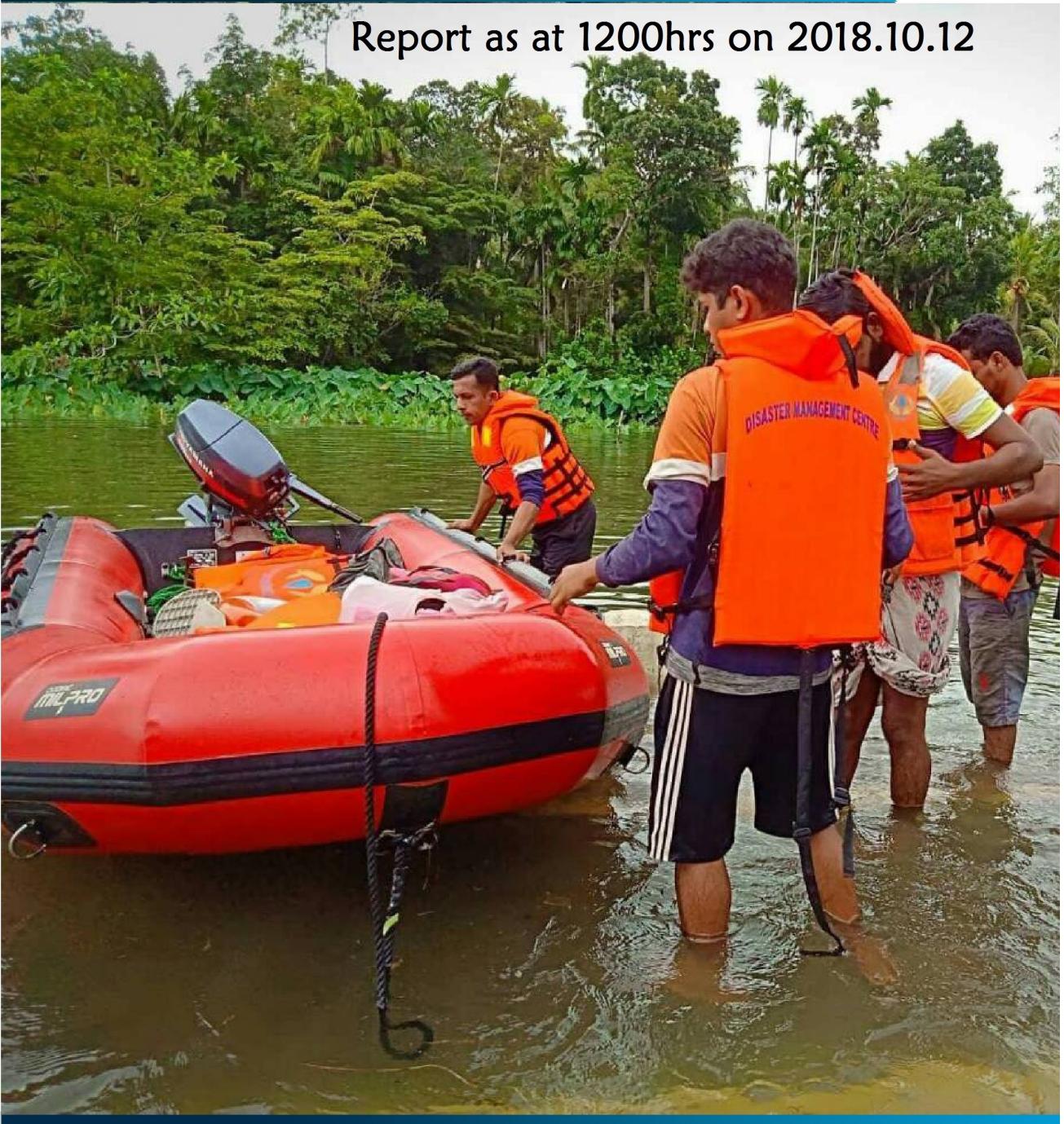


# Sri Lanka

## Disaster Situation Update



Report as at 1200hrs on 2018.10.12



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

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## SITUATION SUMMARY

- ◆ A heavy rainfall together with high winds was occurred across several parts of Sri Lanka between 01 to 12 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.

No of affected Districts	<b>16</b>
No of affected Divisional Secretariats	<b>111</b>
Total no of families affected	<b>18,840</b>
No of members affected	<b>75,689</b>
Total no of death reported	<b>Cutting Failure -8 (Galle- 2,Kalutara-6)</b> <b>Drowning -2 (Ratnapura -1,Colombo-1 )</b> <b>Tree Fall - 2 (Kegalle -1, Ratnapura-1)</b>
Total no of missing persons reported	<b>0</b>
Total no of injured reported	<b>18</b>
Total no of Fully damaged houses	<b>50</b>
Total no of partially damaged houses	<b>2,653</b>
No of safety centers reported	<b>11</b>
No of families in safety centers	<b>435</b>
No of Persons in Safety centers	<b>2002</b>

## 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 11 welfare centres in 5 Districts due to flood and landslide risks. As of now 12 deaths were reported to the Disaster Management Centre.

Two Tropical storms persisted in Arabian Sea and Bay of Bengal are moving away from the country and reduction of rainfall is expected from today onwards.

Department of Meteorology reported last 24 hours rainfall observed in main stations ended on morning hours of 12 October 2018 showing reduction of rainfall in many areas; in Monaragala 21.9mm, Rathmalana 10.9mm . The highest rainfall recorded was around 110.0mm in Wellawaya, Monaragala District However, based on received rainfall since 12th 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 Galle District.

Landslide Red alert is still effective in Kalutara, district.

## 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.

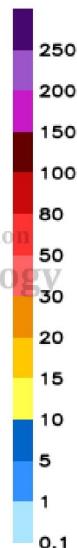
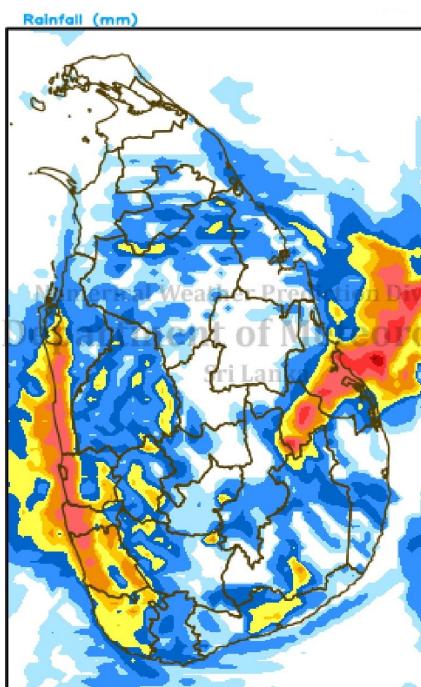
Cooked meals have been given by divisional administration with the support of DMC & NDRSC and military personnel for all displaced people in 4 Districts.

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.

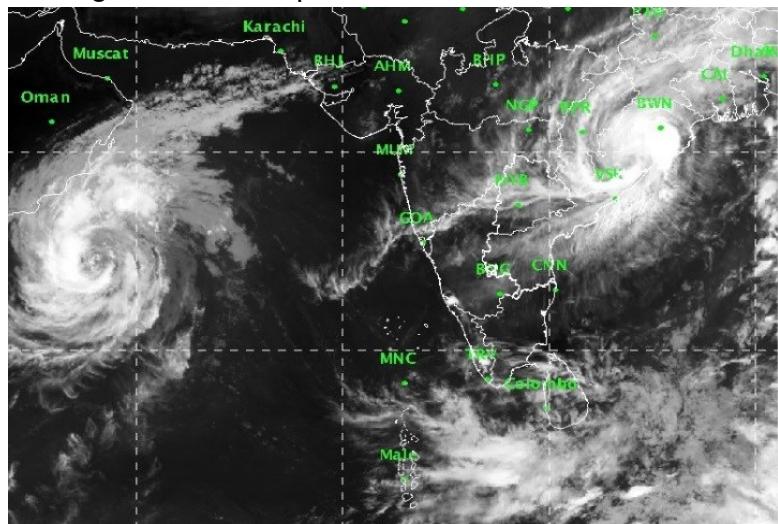


**FIGURE 01: Rainfall received 09 October 2018 ending at 8.30am on 12 Oct 2018**

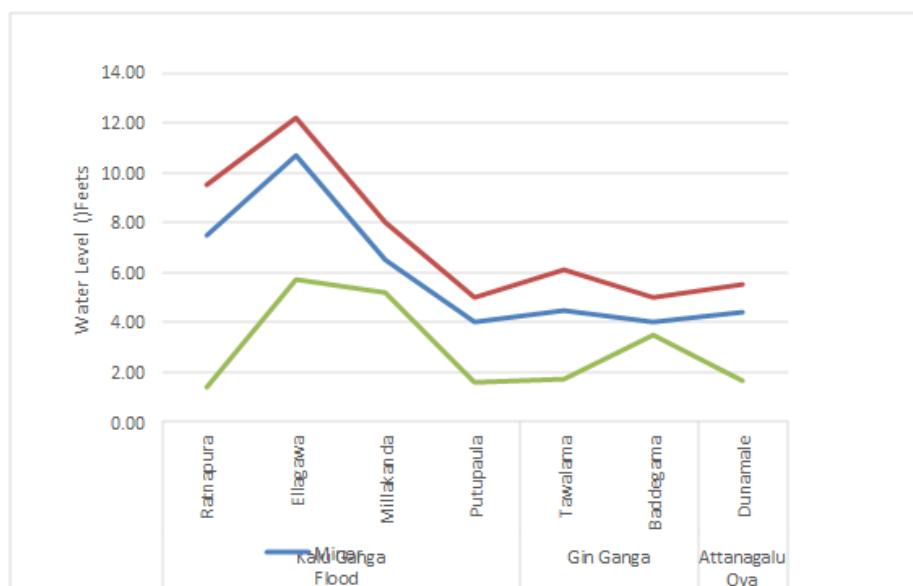


As a result of Tropical Cyclone “Titly” the heavy rains were occurred in South western, Sabaragamu areas over 5-7 October 2018. Since the system moving away from Sri Lankan east coast the effect is slowly fading out as of today. However sudden increase of rain and winds are still potential and considerable 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.



**FIGURE 02: River water level, 0930 hours 12 October 2018**



#### Reservoir Levels

Spill gates opened as 2 gates of Rajanganaya by 01 feet and 01 gate of Laxapana by 08 inch since 6th October 2018 up to now.

River gauges in Kalu River (Ganga) showing alert level and other rivers are showing normal levels in rained areas.

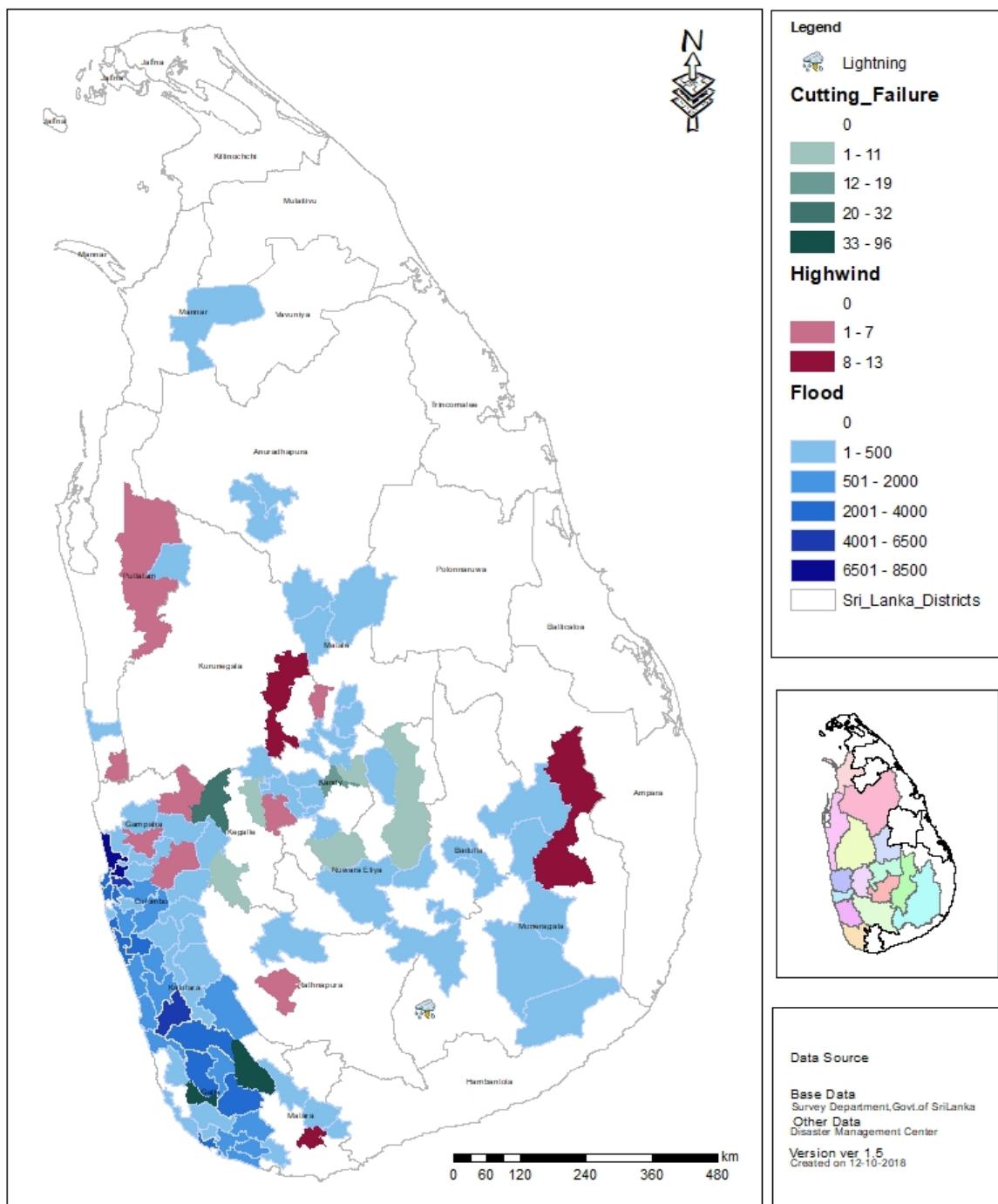
**Source: Department of Irrigation**

# FLOOD & HIGH WIND IMPACT

FIGURE 03: Affected Districts and Divisions for Priorities, 12 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				
<b>Total</b>		4	68	72	

## Stand by

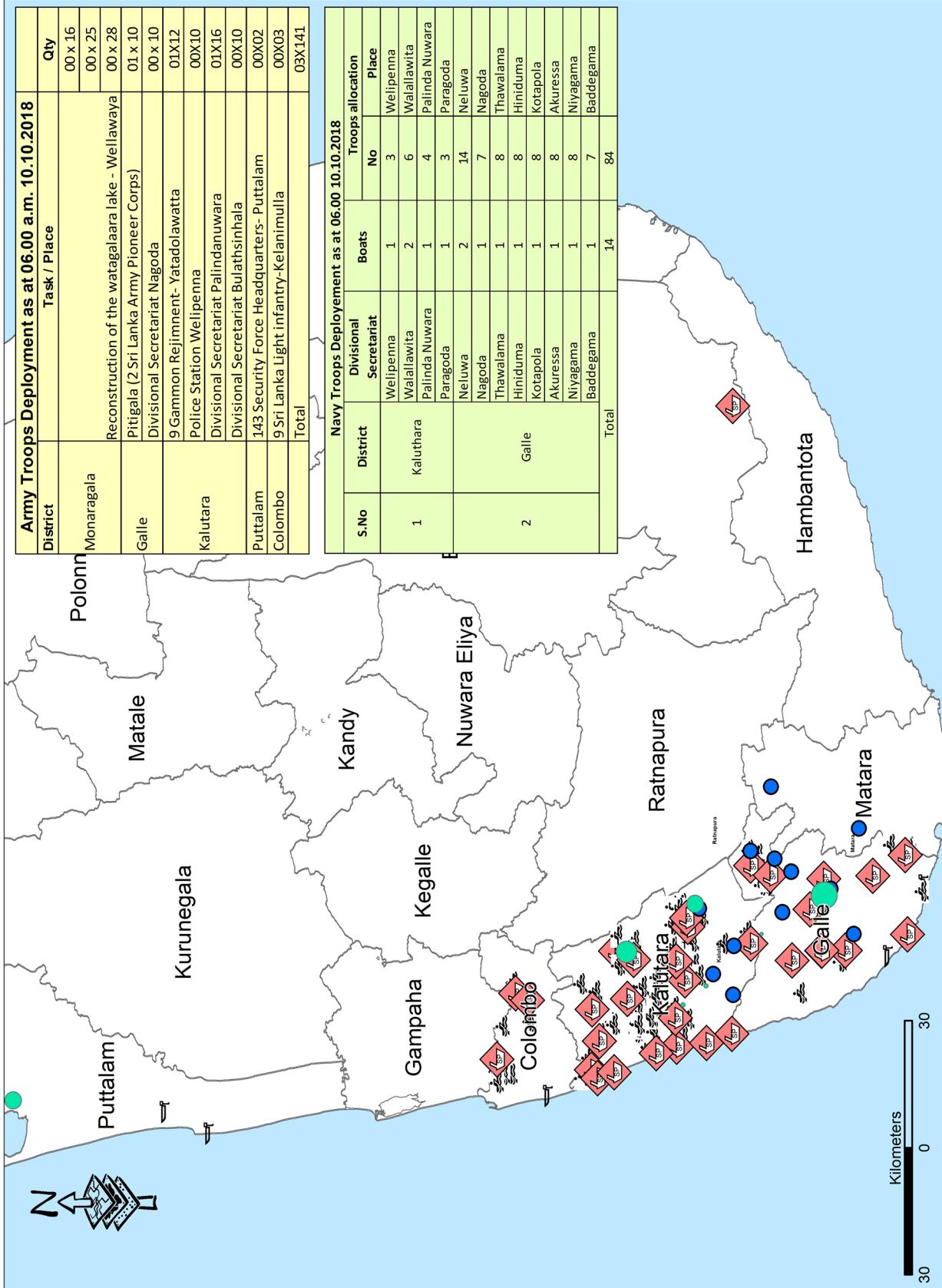
SN	Tri Force	Officers	Others	Total
1	Navy	9	216	225
2	Army	39	1020	1059
3	Air force		1024	1024
4	Police			
<b>Total</b>		48	2260	2308

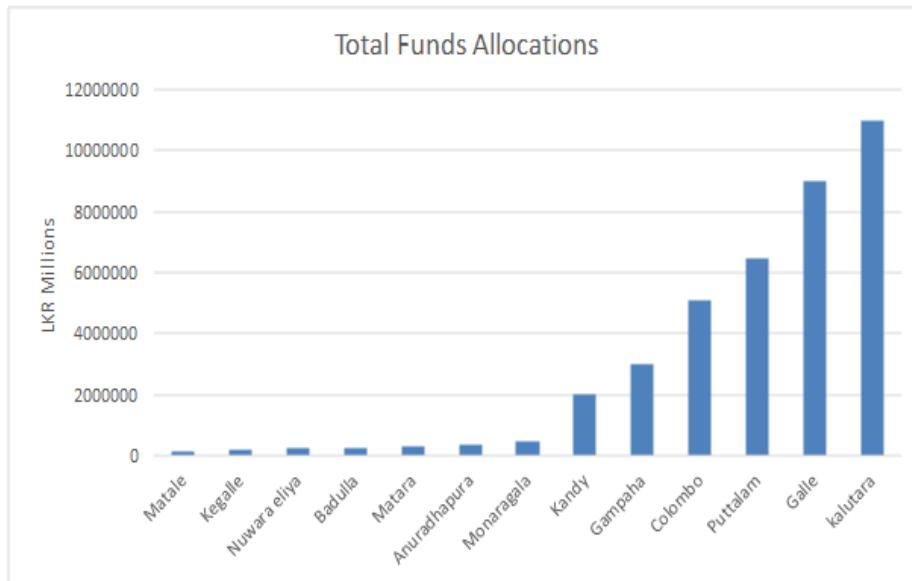
## Resources allocation to the Police

SN	District	Engine Boat	Catamaran	Boat
1	Kalutara	02	04	06
2	Matara			03
3	Colombo	15		
<b>Total</b>		17	04	09

# Emergency Resources & Military Troops Location Map (Emergency Operation Purposes)

## Monaragala/ Galle/ Kalutara/ Puttalam/ Colombo Districts





**FIGURE 04: Disaster Relief Assistance advanced by NDRSC— As of 12 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

Brig W A Ariarathna RWP RSP  
 Director Emergency Operations  
 Disaster Management Centre

Dr. S. Amalanathan  
 Director General,  
 Disaster Management Centre

## 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 Summary

No	පරිභාළන ප්‍රදේශය District	ප්‍රා.ංග්. රෙඛ පි.සේ.විධාන Division	ආරක්ෂා අංශය Disaster	ආරක්ෂා අංශය අමුණු තුම් ඇරුම් මිලියන තුනක් Date of Commenced	බලපෑමට ලක් යු			ඡිවිධ භාණි	වෙනත් භාණි වෙළු සෙතුම්කൾ	ආරක්ෂා ජ්‍යෙ			Total House Damages				
					ඡිවිධ අංශය නුවරුක්කන් Families	පද්ධතියෙන් නුවරුක්කන් Persons	මි. ගැඹ Deaths	ඡිවිධ පිළිබඳ නුවරුක්කන් Injured persons	ඡිවිධ පිළිබඳ කාම්පොනෘල Missing Persons	පූර්ව ප්‍රතිඵල හෝ මුළු Fully	ඡිවිධ භාණි පූර්ව ප්‍රතිඵල හෝ මුළු Partially	ඡිවිධ භාණි වෙනත් ප්‍රතිඵල හෝ මුළු Small,Medium Enterprises Damages	ඡිවිධ භාණි වෙනත් ප්‍රතිඵල හෝ මුළු Damages to critical infrastructure	ඡිවිධ භාණි වෙනත් ප්‍රතිඵල හෝ මුළු Damages to critical infrastructure	ඡිවිධ භාණි වෙනත් ප්‍රතිඵල හෝ මුළු Damages to critical infrastructure		
1	Kalutara	14	Flood/High wind/Cutting Failure/Lightning/ Landslide	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		5-Oct-18	30	156	0	0	0	0	17	0	0	0	0	0	17
8	Gampaha	10		6-Oct-18	3,977	17,420	0	0	0	0	22	4	0	5	291	1,396	22
9	Kurunegala	3		6-Oct-18	6	27	0	0	0	0	6	0	0	0	0	0	6
10	Anuradhapura	4		5-Oct-18	32	123	0	0	0	2	29	0	0	0	0	0	31
11	Rathnапura	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-Oct-18	79	328	0	2	0	0	21	0	0	1	6	29	21
15	Matale	6		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 රුකුවී/මොත්තම්/Total (111)					18,840	75,689	12	18	0	50	2,653	633	11	11	435	2,002	2,703

# Weather forecast

## WEATHER FORECAST FOR 12<sup>th</sup> OCTOBER 2018 (Issued at 05.30 a.m. on 12<sup>th</sup> October 2018)

Showers or thundershowers will occur in Western and Southern provinces and in Rathnapura District. Fairly heavy falls about 75 mm can be expected at some places.

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

**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.**

බස්නාහිර සහ දකුණු පලාත්වලන් රත්නපුර දිස්ත්‍රික්කයේන් වැසි හෝ ගිගුරුම සහිත වැසි ඇති වන අතර ඇතැම් ස්ථානවලට මි.මි. 75 පමණ තරමක් තද වැසි ඇති විය හැක.

දිවයින් සෙපු ප්‍රදේශවල වියෙෂයෙන් සටහ 2.00 න් පමණ පසුව වැසි හෝ ගිගුරුම සහිත වැසි ඇති වේ.

ගිගුරුම සහිත වැසි ඇති වන විට එම ප්‍රදේශවල තාවකාලිකව තද සූලං ඇති විය හැක. අකුණු 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 05.30 a.m. on 12<sup>th</sup> October 2018)

Showers or thundershowers will occur at times in the sea areas extending from Colombo to Batticaloa via Galle and Hambantota.

Winds will be South-westerly in direction and wind speed will be 30-40 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 50 kmph at times.

**Temporarily strong gusty winds and rough seas can be expected during thundershowers.**

**ඉදිරි පැය 24 සදහා දිවයින වටා ඇති මුහුදේ කාලගුණ තත්ත්වය  
2018 ඔක්තෝබර් මස 12 දින උදාහන 05.30 ට නිකත් කරන ලදී.**

කොළඹ සිට ගාල්ල සහ හමුබන්තොට හරහා මධ්‍යකලපුව දක්වා වන මුහුදු ප්‍රදේශවල විවින් විට වැසි හෝ ගිගුරුම සහිත වැසි ඇති වේ.

දිවයින වටා වන මුහුදු ප්‍රදේශවල සූලං නිරිත දිගාවෙන් හමන අතර සූලගේ වේගය පැ.කී.මි. 30-40 පමණ වේ.

හමුබන්තොට සිට පෙනුවිල් හරහා මධ්‍යකලපුව දක්වා වෙරුලට ඕනෑබෙන් වන මුහුදු ප්‍රදේශවල සූලගේ වේගය විවින් විට පැ.කී.මි.50 දක්වා වැඩිවිමේ හැකියාවක් පවතින අතර විවින් විට තරමක් රඳ විය හැක.

ගිගුරුම සහිත වැසි ඇති වන විට එම ප්‍රදේශවල තාවකාලිකව තද සූලං ඇති විය හැකි අතර එවිට එම මුහුදු ප්‍රදේශ තාවකාලිකව රඳ විය හැක

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

**EMERGENCY OPERATIONS DIVISION**

RECEIVED	2018/10/12
Date :	2018/10/12
Time :	0530 hrs
D (Ops)/DO/ADC	
DISASTER MANAGEMENT CENTRE	

# Rivers Water Level Update—Department of Irrigation

DATE : 12-Oct-2018

## Islandwide Water Level Situation in Major Rivers

TIME : 09.30 AM

River	Gauging Station							Water Level before 1hr	Water Level at 9.00 am	Remarks	Water Level Rising or Falling
	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	1.35	1.05	Normal	
	Hanwella	6° 54' 39.38" N 80° 05' 3.16" E	1782	m	7.00	8.00	10.00	2.62	2.59	Normal	
	Glencourse	6° 58' 25" N 80° 11' 3" E	1463	m	15.00	16.50	19.00	10.24	10.19	Normal	
	Holombuwa	7° 11' 6.6" N 80° 15' 53.3" E	155	m	3.00	3.40	5.00	0.69	0.69	Normal	
	Deraniyagala	6° 55' 23.23" N 80° 20' 20.3" E	183	m	4.80	5.80	6.40	0.85	0.84	Normal	
	Kitulgala	6° 59' 25" N 80° 24' 50" E	383	m	3.00	4.00	6.00	1.75	1.80	Normal	
	Norwood	6° 50' 8.32" N 80° 36' 52.75" E	97	m	1.50	2.00	2.15	0.79	0.79	Normal	
Kalu Ganga (RB 03)	Ratnapura	6° 40' 43.2" N 80° 23' 49.8" E	603	m	5.20	7.50	9.50	1.40	1.37	Normal	
	Ellagawa	6° 43' 54" N 80° 13' 4.2" E	1393	m	10.00	10.70	12.20	5.78	5.73	Normal	
	Millakanda	6° 37' 50.3" N 80° 9' 37.7" E	780	m	5.00	6.50	8.00	5.21	5.21	Alert	
	Putupaula	6° 36' 51.9" N 80° 3' 44.2" E	2598	m	3.00	4.00	5.00	1.70	1.62	Normal	
Gin Ganga (RB 09)	Tawalama	6° 20' 33.3" N 80° 19' 55.2" E	377	m	4.25	4.50	6.10	1.76	1.75	Normal	
	Baddegama	6° 10' 25" N 80° 10' 33.1" E	749	m	3.50	4.00	5.00	3.52	3.49	Normal	
Nilwala Ganga (RB 12)	Pitabedda	6° 12' 48.2" N 80° 28' 34.5" E	310	m	3.25	4.00	5.00	0.51	0.50	Normal	
	Panadugama	6° 08' 00" N 80° 29' 00" E	445	m	5.00	6.00	6.50	3.56	3.56	Normal	
	Urawa	6° 14' 11.8" N 80° 34' 18" E	59	m	2.50	3.00	4.00	0.15	0.15	Normal	
Kirindi Oya (RB 22)	Tanamalwila	6° 28' 5.9" N 81° 8' 2.8" E	749	m	4.00	5.00	5.50	0.80	0.75	Normal	
	Wellawaya	6° 42' 33.3" N 81° 6' 41.6" E	172	m	4.40	5.40	5.90	0.74	0.74	Normal	
	Kuda Oya	6° 31' 28.8" N 81° 07' 24" E	291	ft	20.00	25.00	26.00	2.25	2.15	Normal	
Maduru Oya (RB 54)	Padiyatatalawa	7° 23' 0" N 81° 11' 30" E	159	m	4.00	4.50	6.00	0.27	0.27	Normal	
Kumbukkan Oya (RB 31)	Nakkala	6° 53' 42.4" N 81° 17' 49.3" E	216	m	5.00	6.00	7.50	0.70	0.70	Normal	
Heda Oya (RB 36)	Siyambalanduwa	6° 54' 16.5" N 81° 32' 44.4" E	295	m	4.50	5.00	5.60	0.34	0.34	Normal	
Mahaweli Ganga (RB 60)	Peradeniya	7° 16' 3" N 80° 36' 30" E	1168	m	5.00	7.00	9.00	2.28	2.74	Normal	
	Nawalapitiya	7° 2' 55" N 80° 32' 3" E	176	m	3.00	4.00	4.50	1.06	1.06	Normal	
	Weragantota	7° 19' 0" N 80° 59' 18.3" E	4092	m	5.00	6.00	8.00	-2.20	-2.23	Normal	
	Manampitiya	7° 54' 53.3" N 81° 5' 10" E	7418	m	3.50	3.70	4.00	-0.59	-0.61	Normal	
	Taldena	7° 5' 26.7" N 81° 2' 53.3" E	276	m	3.00	4.00	5.00	0.64	0.67	Normal	
	Calidonia	6° 54' 8.3" N 80° 42' 00" E	148	m	—	—	—	0.95	0.95	—	
	Yan Oya (RB 67)	8° 34' 39.44" N 80° 52' 43.25" E	720	m	6.00	7.30	10.44	1.42	1.42	Normal	
Malwathu Oya (RB 90)	Tantirimale	8° 35' 13.57" N 80° 16' 31.14" E	2116	m	6.75	7.25	—	1.47	1.46	Normal	
Mee Oya (RB 95)	Galgamuwa	7° 58' 13.3" N 80° 15' 18.3" E	299	m	4.84	5.94	7.00	—	—	Normal	
Maha Oya (RB 102)	Badalgama	7° 18' 3.3" N 79° 58' 50" E	1360	ft	1.00	5.00	16.00	-9.40	-9.40	Normal	
	Giriulla	7° 19' 30" N 80° 6' 53.3" E	1192	m	5.00	6.00	6.50	1.22	1.22	Normal	
Attanagalu Oya (RB 103)	Dunamale	7° 7' 0" N 80° 4' 54.5" E	153	m	3.30	4.40	5.50	1.66	1.64	Normal	

Date : 2018-10-12

Time : 10:10

D (Ops)/DC/ADO

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

Prepared by : G.A.S.A.Jayamal  
Checked by : D.A.Somawickrama

DISASTER MANAGEMENT CENTRE

# Landslide Watch —National Building Research Organization

## Locations for Potential Risk

නායෝමේ අවදානම පැවතිය හැකි ප්‍රදේශ

කන්තියාන අපායමුණ්ල මිට්‍රික්ස්

District	Divisional Secretariat Divisions and Locations			Areas and places which need special attention
	Level 1 (Yellow)	Level 2 (Amber)	Level 3 (Red)	
Kalutara		Horana, Dodangoda*, Madurawala* and Kalutara* Divisional secretariat divisions and surrounding areas	Walallawita, Bulathsinghala, Agalawatta, Mathugama, Palindanuwara and Ingiriya Divisional secretariat divisions and surrounding areas	All mountainous areas, manmade cut slopes and roads within the relevant DS divisions  අදාල ප්‍රදේශීය ලේකම් කොට්ඨාග තුළ පිහිටි කුදකර බැඳුම් හා ඒ ආශ්‍රීන ප්‍රදේශ තුළ පිහිටි නිර්මිත
Galle	Neluwa↓, Thawalama↓, Alpitiya↓, Niyagama↓, Nagoda↓ and Baddegama↓ Divisional secretariat divisions and surrounding areas	Yakkalamulla, Divisional secretariat division and surrounding areas		පිරුතේ ජෙයලක පිරිවිනුණ්ලාන සකල මෘලප්පාංකකාන පැවතික්කාන මත්‍ර්‍යුම වෙටුප්පට නිලස සායුඩක්  <u>Specially:</u> All the landslide susceptible areas previously identified by NBRO.  <u>විශේෂ:</u> ජාතික ගොඩනැගිලි පර්යේෂණ සංවිධානය විසින් නායෝමේ අවදානමක් ඇති ලෙස පුර්වයෙන් හඳුනාගෙන ඇති ප්‍රදේශ  <u>විසොතාක:</u> NBRO ඩිජිටල් මුණ්නා අභ්‍යාර්ථකකාන මණ්ඩලයුණ්ල සකල පිරුත්‍යාචාරක්

Note: ↑shifted one level up, ↑↑shifted two levels up, ↓shifted one level down, ↓↓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