

Weekly Weather Summery

8-14 June 2019

1. Rainfall

South-west monsoon got established over the island on 08 June 2019. Therefore, showery and windy conditions particularly in the South-western part of the island were enhanced during the week. The wind speed got strengthen over the island particularly in Northern, North-central, Uva and Western provinces.

Significant amount of rainfalls were received at many places in Sabaragamuwa, Western, Central, North-western and Southern provinces during the week including heavy rain falls at some isolated places in Western and Sabaragamuwa provinces during 09-10th. Wind convergence to the southwest of SL with favorable perceptible water in the lower and middle atmosphere enhanced the rainy condition. Afternoon thundershowers were reported in the last day of the week in Uva province and Ampara district along with light to moderate showers.

Both the highest daily recorded rainfall of 130.0 mm on 09th and the highest weekly total amount 211.0mm were reported at Wewalthalawa in Kegalle district during the week.

Hydro-catchment areas also received fairly good amount of rainfalls during the week with 146.0mm of total rainfall at Kukuleganga.

Onset of the SW monsoon got fully established over the country around 13 days after the climatological normal arrival date and also not shown vigorous conditions as during last three years. The rainy condition was fairly widespread over the western and south western parts of the island and there was no high intensity rainfalls during the week. As such, there were no significant weather related disasters reported with the onset.

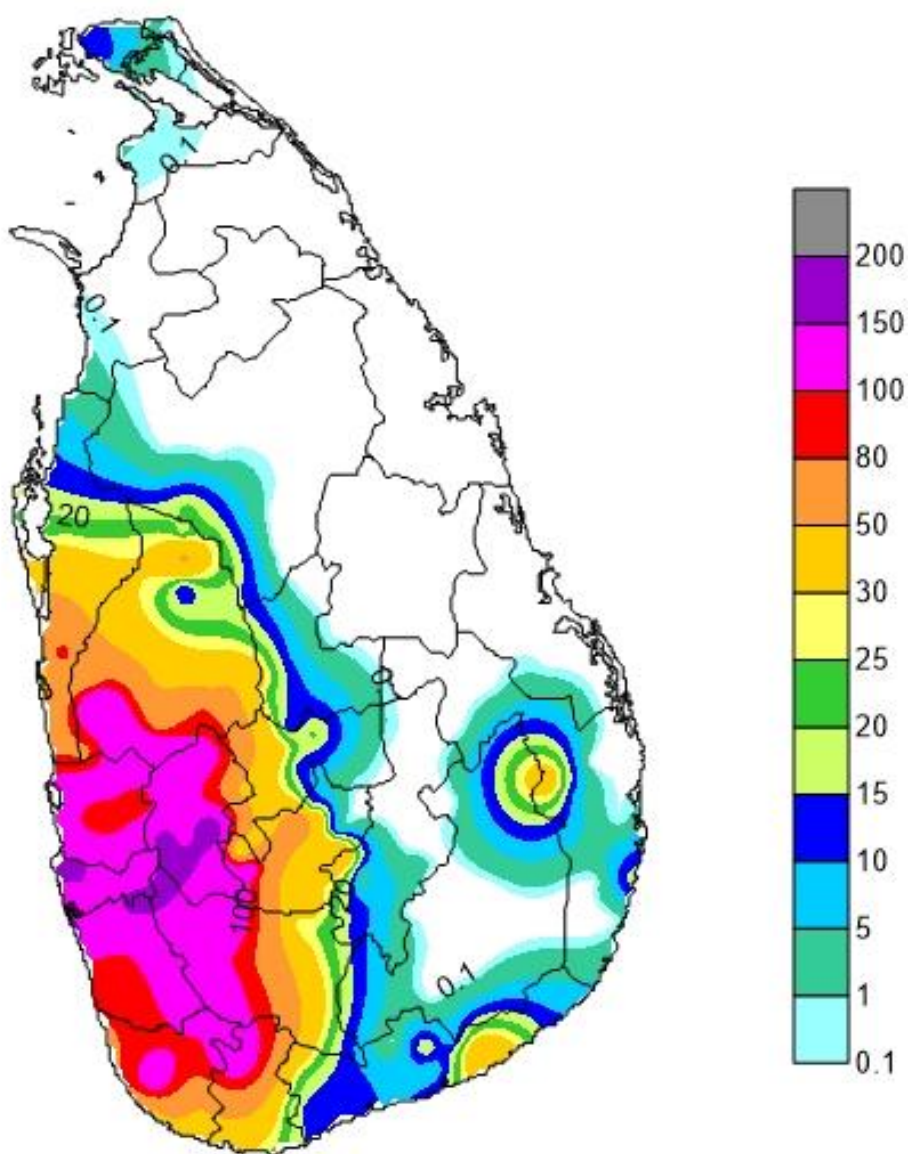


Figure 1: Total rainfall(mm)during the week

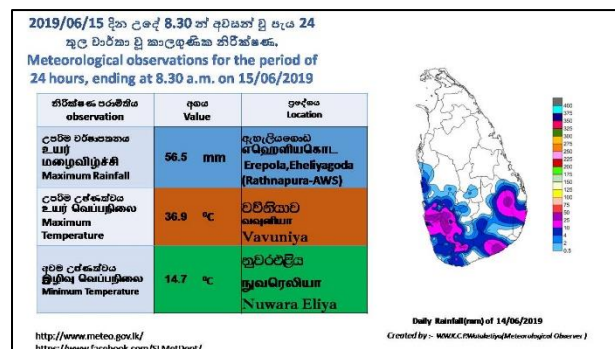
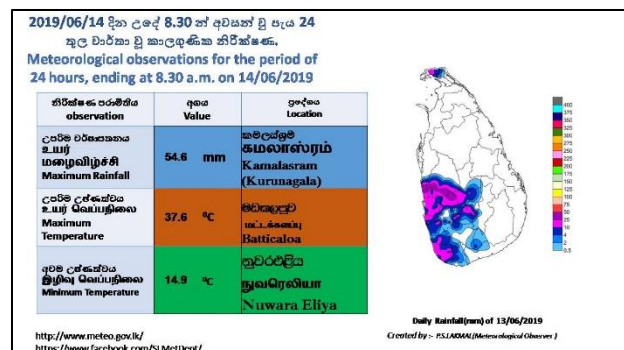
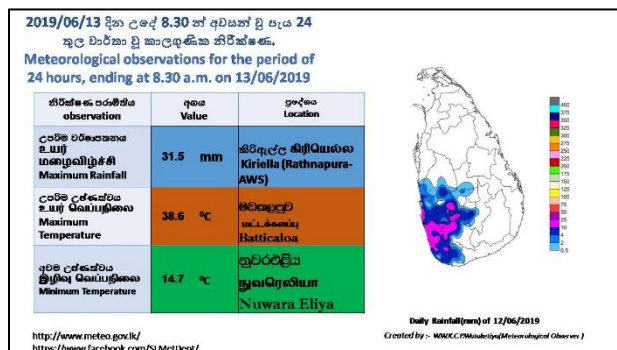
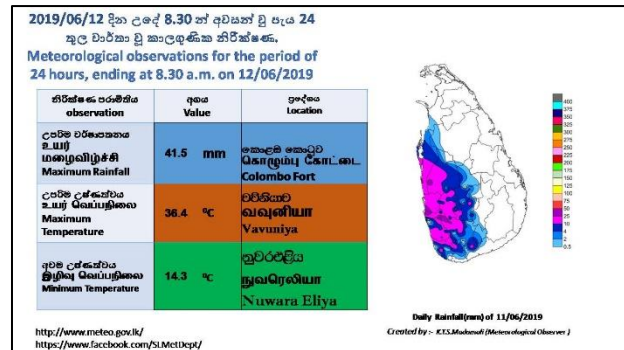
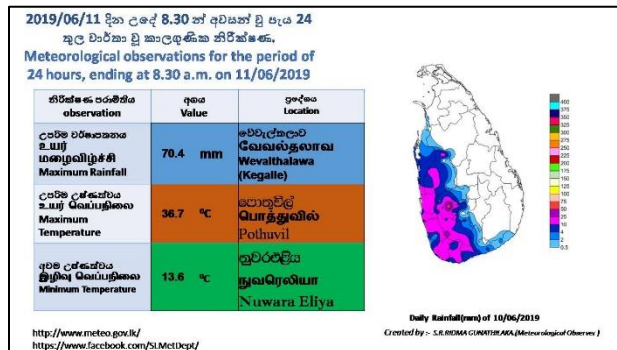
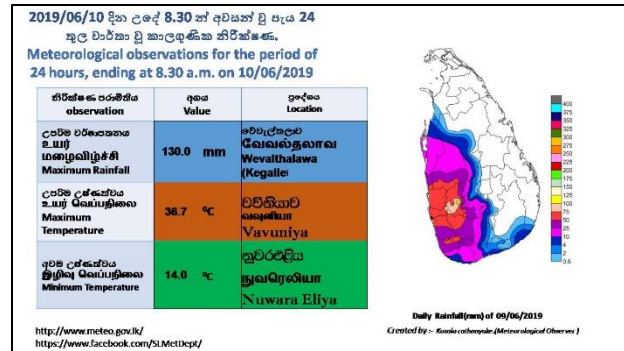
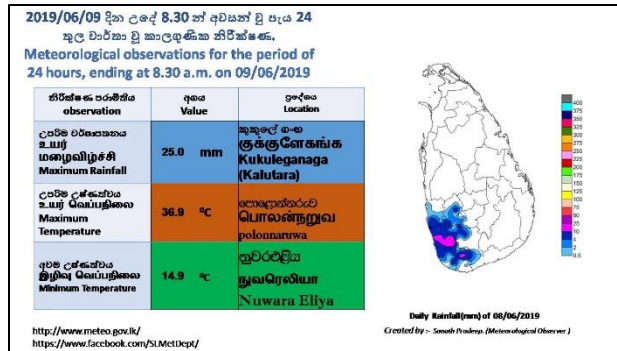


Figure 2. Daily Rainfall (mm) and maximum and minimum temperatures ($^{\circ}\text{C}$) during the week.

Main Meteorological Stations	Rainfall (mm)
Anuradhapura	0.2
Badulla	0.2
Bandarawela	10.5
Batticaloa	0.0
Colombo	189.9
Galle	44.2
Hambanthota	13.3
Jaffna	21.7
Monaragala	2.7
Katugasthota	32.0
Katunayake	126.3
Kurunagala	80.8
MahaIlluppallama	8.8
Mannar	0.0
Polonnaruwa	0.0
Nuwara Eliya	32.6
Pothuvil	20.1
Puttalam	27.9
Rathmalana	188.5
Rathnapura	146.9
Trincomalee	0.0
Vavuniya	0.0
Mattala	22.0

Hydro-Catchment Areas	
Station	Rainfall (mm)
Castlereigh	57.8
Norton	121.6
Maussakele	79.0
Canyon	81.7
Lakshapana	127.9
Upper Kotmale	48.2
Kotmale	41.8
Victoriya	4.0
Randenigala	0.0
Rantambe	0.0
Bowatenna	9.1
Ukuwela	9.8
Samanala Wawa	14.5
Kukuleganaga	146.0
Maskeliya	65.6

Table-01 Total Rainfall (mm) at Main Meteorological stations and hydro catchment areas during the week.

2. Temperature

The highest day time (maximum) temperature, 38.6⁰C was reported at Batticaloa main meteorological station on 12th May. The lowest (minimum) temperature was 13.6⁰C reported at Nuwara-eliya main meteorological station on 10th May.

Day time maximum temperatures were mostly above or about normal during the week except on 10th. It was approximately 05⁰C above normal at Batticaloa on 12th and approximately 04⁰C above normal at Batticaloa and Jaffna on 13th.

Night time Minimum temperatures at Badulla, Batticaloa, Nuwara Eliya and Pottuvil were above normal during the week.

3. Wind

Wind direction at surface level was mostly westerly or south-westerly and speeds were (00-20) knots.

Wind direction was Westerly to South-westerly and speed was (10-25) knots at 850hPa level during first day and it enhanced up to (30-40) knots during rest of the week.

Wind direction at 700hPa level was Southerly to South-westerly and speed was (05-15) during first two days and then it was South-westerly to westerly with (20-40) knots speeds.

Winds at 500hPa level were predominantly light and westerly in direction with southeasterly anomaly.

The moisture content also was high in low level atmosphere.

