

Weekly Weather Summery

8-14 February 2019

1. Rainfall

Generally weak North-east monsoon conditions prevailed during the week and it caused convective activities, particularly in the southwestern part of the country during 8-10th. On 09th significant rainfalls were reported from most parts of the island except Northern and North-eastern parts with very heavy rainfalls from Sabaragamuwa and Central provinces and fairly heavy rainfall from Uva province. Except for light showers at some places in the eastern slopes of the central hills, mainly fair weather was prevailed during 11- 12th. During last two days moderate showers in the eastern parts and evening thundershowers in south-western parts were reported.

The highest daily recorded rainfall amount was 191.7 mm at Lakshapana in Nuwara-Eliya district on 09th. Generally very less amount of rainfalls have been reported from Northern province and in Hambanthota district during the week.

Middle level dry condition, which caused to increase of instability, known as a "dry punch, with lower layer favorable buoyant triggered convective rains in southwestern part and Uva province with more than 75% of total amount was recorded on 09th at most places except Northern province.

Figure 1 illustrates weekly total rainfall distribution while figure 2 shows daily rainfall distributions.

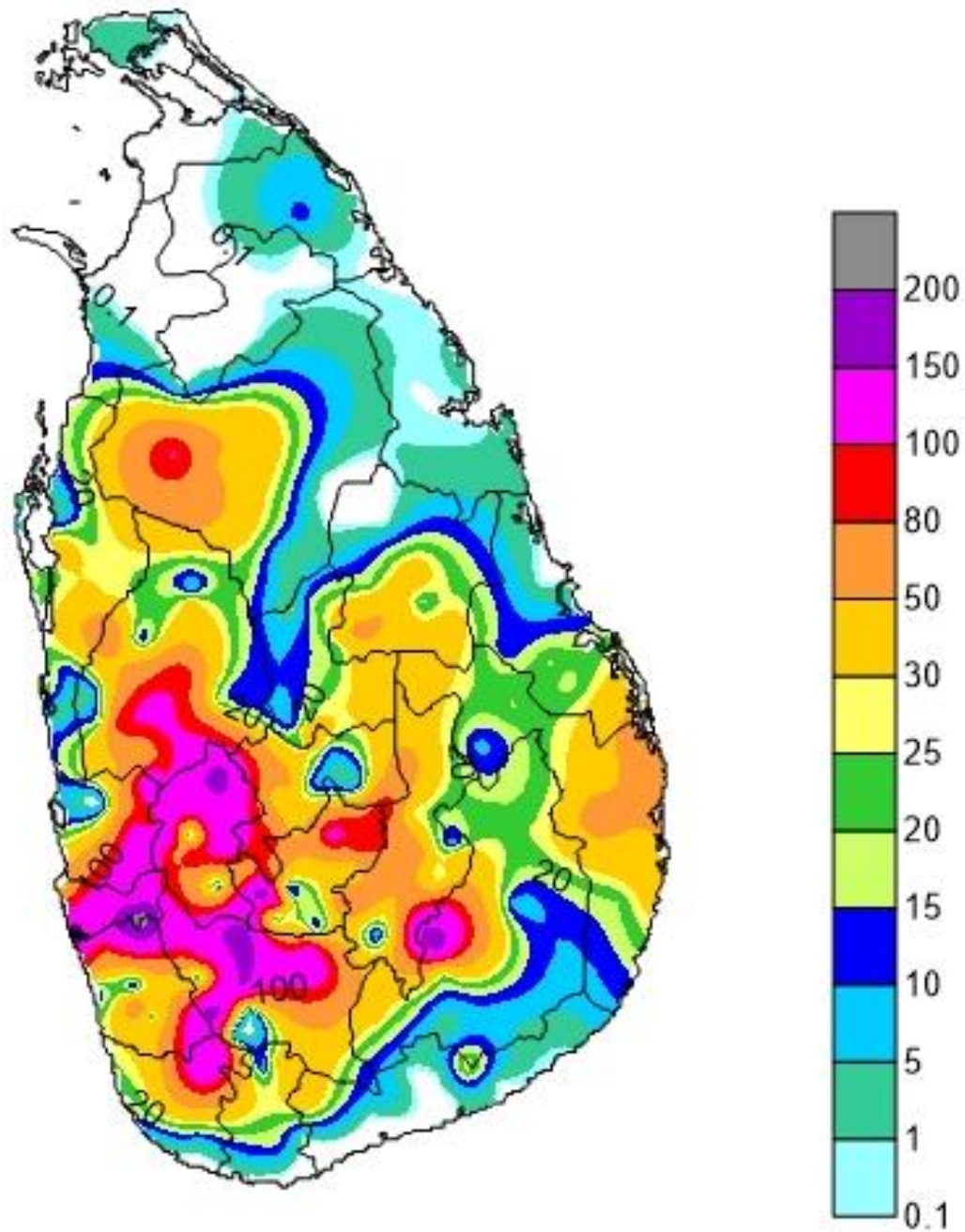


Figure 1: Total rainfall (mm) during the week

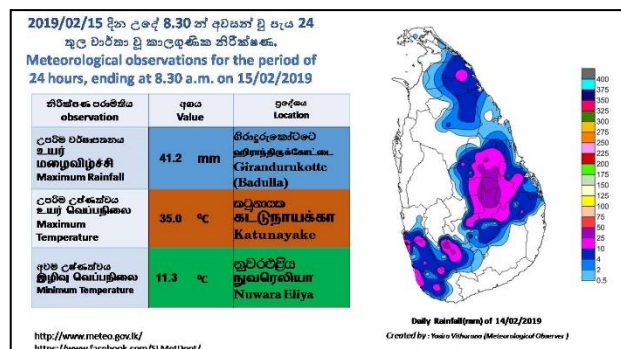
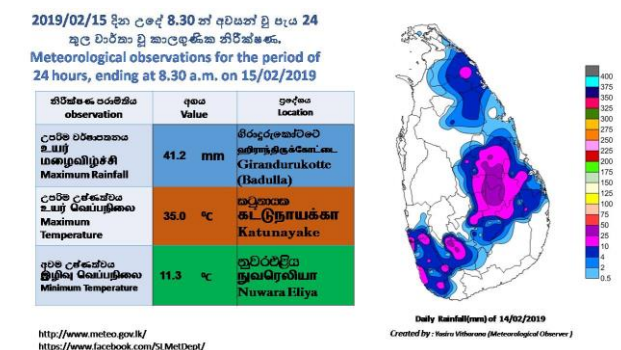
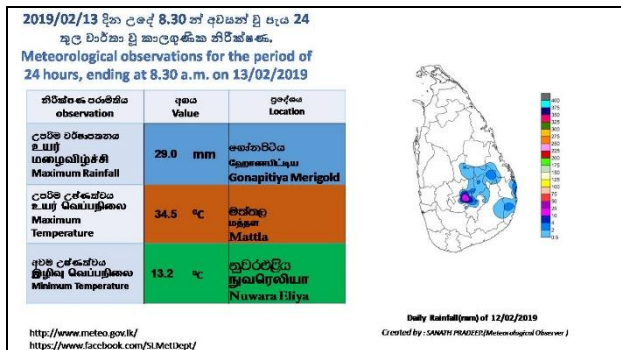
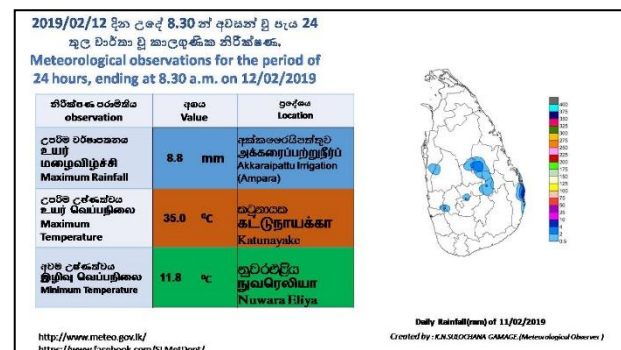
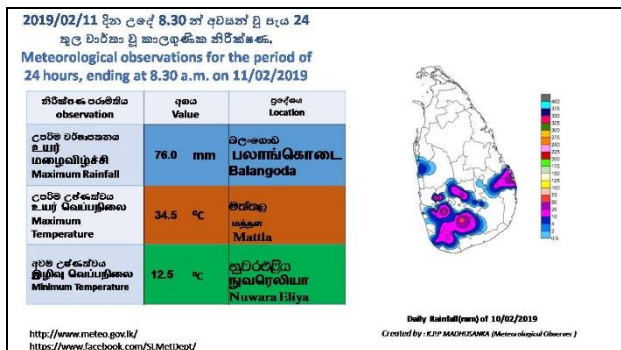
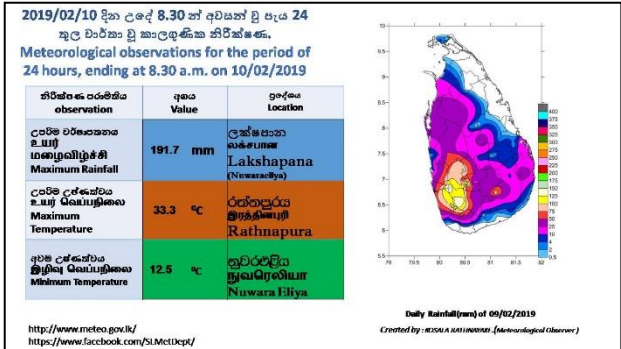
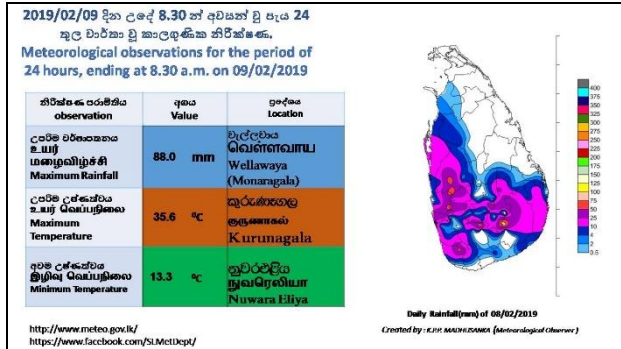


Figure 2. Daily Rainfall (mm) and maximum and minimum temperatures (⁰C) during the week.

Main Meteorological Stations	Rainfall (mm)
Anuradhapura	45
Badulla	40.6
Bandarawela	55
Batticaloa	10.2
Colombo	70.7
Galle	0
Hambanthota	0.6
Jaffna	5.3
Monaragala	5.7
Katugasthota	45.7
Katunayake	8.3
Kurunagala	74.1
Maha Illuppallama	36.4
Mannar	0
Polonnaruwa	16.7
Nuwara Eliya	28.7
Pothuvil	37.8
Puttalam	52.9
Rathmalana	135.6
Rathnapura	119.1
Trincomalee	4.93
Vavuniya	0.4
Mattla	1.1

Hydro-Catchment Areas	
Station	Rainfall (mm)
Castlereigh	117.9
Norton	155.3
Maussakele	75.5
Canyon	100.1
Lakshapana	197.9
Upper Kotmale	26.7
Kotmale	87.3
Victoriya	15.7
Randenigala	88.3
Rantambe	98.8
Bowatenna	13.9
Ukuwela	20.5
Samanala Wawa	63.5
Kukuleganaga	190
Maskeliya	0

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

2. Temperature

The highest day time (maximum) temperature 35.6 °C was reported at Kurunegala main meteorological station on 8th and the lowest minimum temperature was 11.3 °C reported at Nuwara-Eliya meteorological station on 15th.

Day time temperatures at Hambanthota and Galle were mostly above normal during the week and it was around 4°C above normal during 11- 13th. It was generally above normal during the week over the island except Badulla, Batticaloa, Nuwara-Eliya, Rathnapura, Anuradhapura and Maha-Illuppallama where they were around 1-2 °C degrees below normal.

Night time (Minimum) temperatures were predominantly above normal over most parts of the island during the week except Jaffna and Rathnapura where they were below normal. It was around 4°C above normal during 13-14th at Kurunagala and Nuwara-Eliya.

3. Wind

Surface wind was mostly from northeast direction and speed was light until evening of 10th and then it strengthened up to 15-20 knots and prevailed until 13th. Afterwards speed was gradually decreasing at the end of week.

Winds over lower atmosphere, up to 1000m were south-easterly to north-easterly during first three days and wind speed was 05-20knots. Then it was mostly north-easterly and wind speeds were reported as 05-35knots.