

Weekly Weather Summery

8-14 March 2019

1. Rainfall

Generally weak North-east monsoon conditions were continued and mainly fair weather prevailed over most parts of the island during the week except on 09th. Atmospheric moisture condition also very low during this week. Afternoon or evening thundershowers were occurred at several places in the south-western part and in North-western province on 09th and at isolated places in the western and sabaragamuwa provinces during the rest of the week. There was no significant rainfalls were reported from the Northern, North-central, North-western, Eastern and Uva provinces.

The highest daily recorded amount was 59.9 mm at Poddiwela Farm in Galle district on 09th.

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

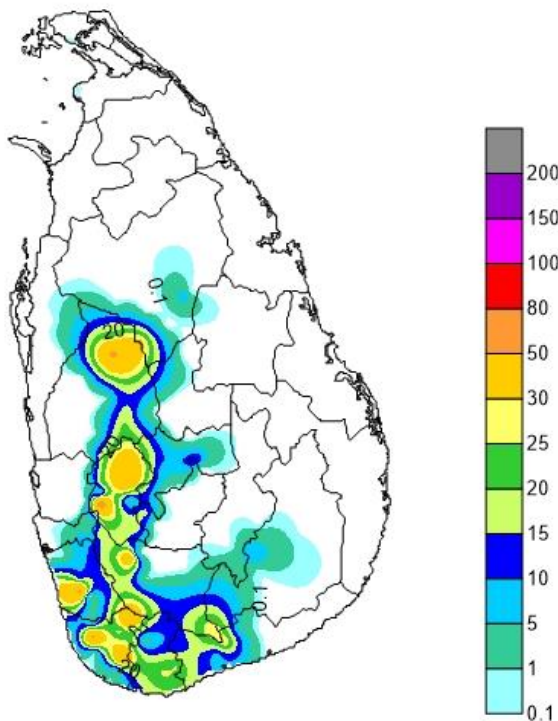


Figure 1: Total rainfall (mm) during the week

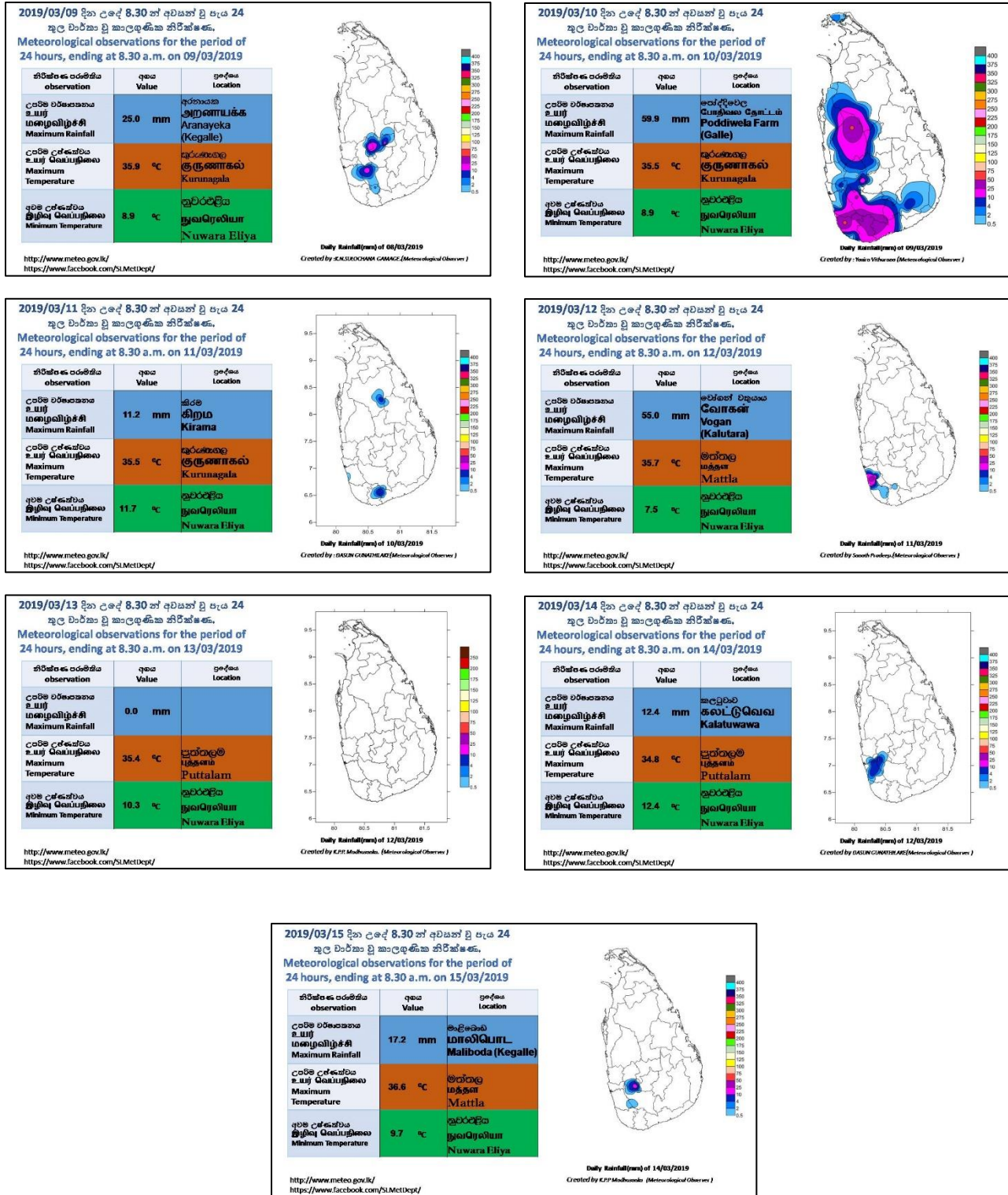


Figure 2. Daily Rainfall (mm) and maximum and minimum temperatures (⁰C) during the week.

Main Meteorological Stations	Rainfall (mm)
Anuradhapura	0
Badulla	0
Bandarawela	0.3
Batticaloa	0
Colombo	0
Galle	1.8
Hambanthota	0
Jaffna	3.2
Monaragala	0
Katugasthota	5.6
Katunayake	0
Kurunagala	21.6
Maha Illuppallama	0
Mannar	0
Polonnaruwa	0
Nuwara Eliya	0
Pothuvil	0
Puttalam	0
Rathmalana	0
Rathnapura	47.7
Trincomalee	0
Vavuniya	0
Mattala	0

Hydro-Catchment Areas	
Station	Rainfall (mm)
Castlereigh	0
Norton	0
Maussakele	0
Canyon	0
Lakshapana	0
Upper Kotmale	0
Kotmale	0
Victoriya	0
Randenigala	0
Rantambe	0
Bowatenna	0
Ukuwela	0
Samanala Wawa	18.5
Kukuleganaga	22
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, 36.6 °C was reported at Mattala main meteorological station on 14th and the lowest minimum temperature was 7.5°C reported at Nuwara-Eliya station on 12th.

Day time temperatures in all the main meteorological stations were predominantly above normal during the week. It was around 3°C above normal at Hambanthota, Mannar, Katugastota and Puttalam on 14th and it was around (1-2)°C below normal at Badulla, Nuwara-Eliya and Rathnapura on 13th.

Night time Minimum temperatures at Badulla, Jaffna and Katugastota were mostly below normal during the week and it was around (3-5)°C below normal on 12th and 13th. It was mostly above normal during the week at rest of the meteorological

stations. This may be due to prevailed cloudy skies during the night time throughout the week.

3. Wind

Surface winds were mainly calm or light during the week except on 8th when it was light and south-westerly in direction.

Winds at 850hPa level were mostly from southeast direction and speeds were 05-30knots. It was different with average wind pattern and speeds also less than the average and drier than last few weeks.

Winds at 700hPa level were North-easterly and wind speeds were 05-20 kts. This level was comparatively dry. Therefore rainfall that received during this week was less than during last couple of weeks.

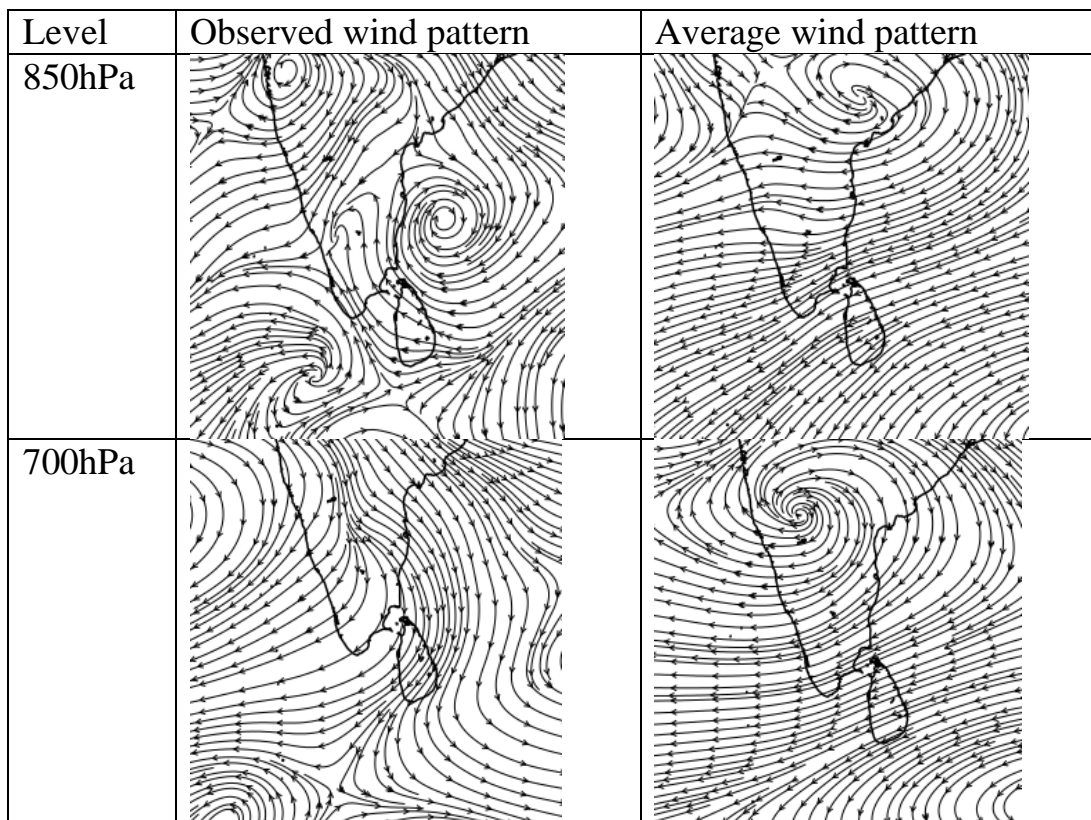


Figure 3: Observed and climatological wind patterns during the week