

Weekly Weather Summary

22-28 February 2019

1. Rainfall

Easterly to North-easterly wind flow was prevalent during the initial part of the week with low moisture content which resulted in mainly fair weather throughout the island. Weakened North-East monsoon wind flow and influx of moisture in the atmosphere, especially in the lower levels, resulted in thundershowers in the southern half of the island towards the end of the week's period. Due to this fairly heavy to heavy rainfalls were reported during the 26-28 of February, particularly in the Sabaragamuwa, Central, Southern and Uva provinces. Highest rainfall for this week's period was reported from Suriyawewa in the Hambanthota district with a rainfall amount of 120.0 mm.

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

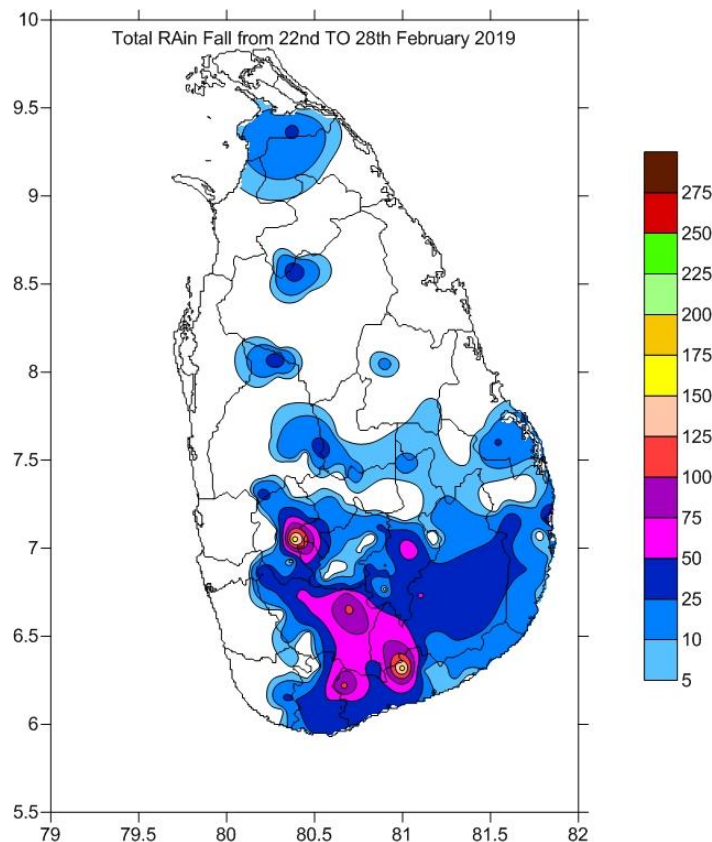


Figure 1: Total rainfall (mm) during the week

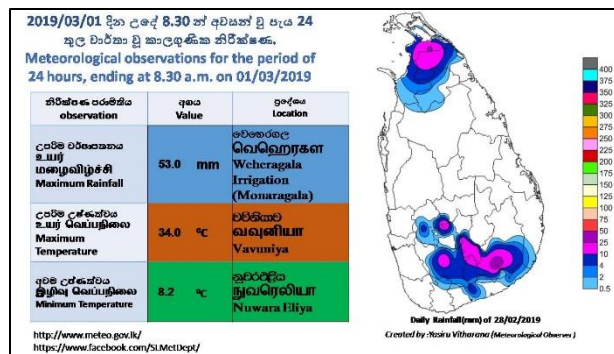
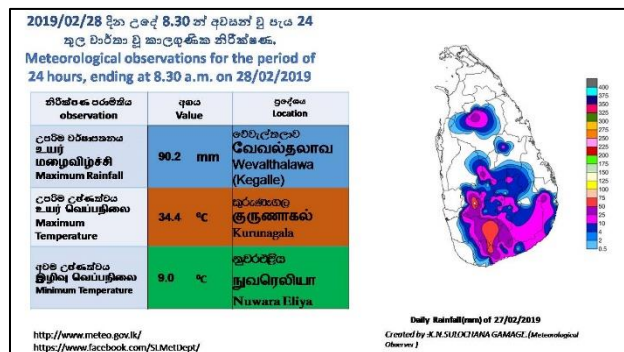
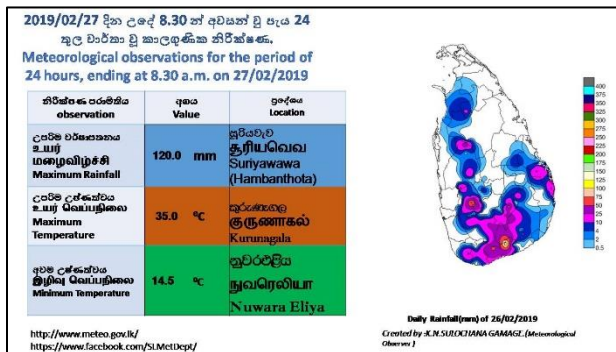
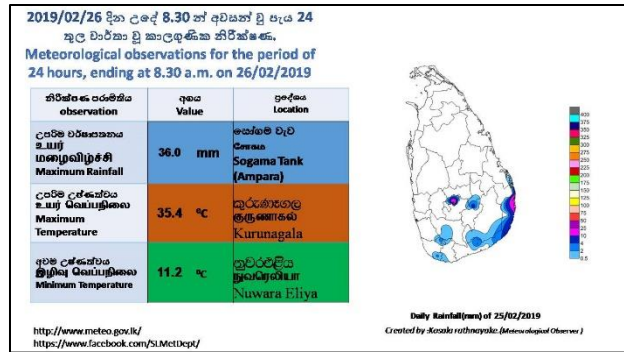
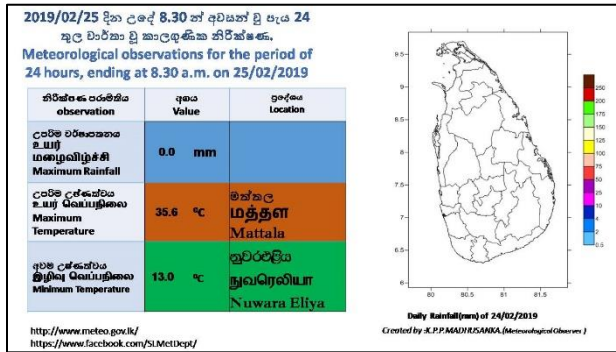
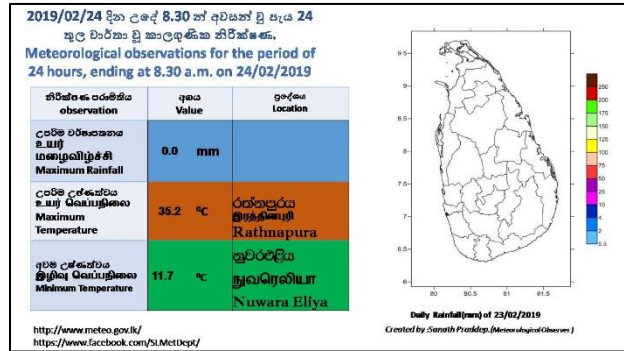
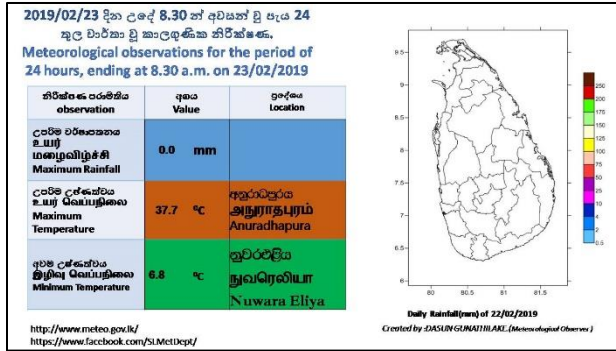


Figure 2. Daily Rainfall (mm) and maximum and minimum temperatures (°C) during the week.

Main Meteorological Stations	Rainfall (mm)
Anuradhapura	0.4
Badulla	73.3
Bandarawela	32.8
Batticaloa	0.0
Colombo	0.0
Galle	1.0
Hambanthota	15.3
Jaffna	0.0
Monaragala	27.9
Katugasthota	2.5
Katunayake	0.0
Kurunagala	0.1
Maha Illuppallama	0.0
Mannar	0.0
Polonnaruwa	0.0
Nuwara Eliya	5.1
Pothuvil	8.3
Puttalam	0.0
Rathmalana	0.0
Rathnapura	48.3
Trincomalee	0.0
Vavuniya	1.6
Mattla	10.8

Hydro-Catchment Areas	
Station	Rainfall (mm)
Castlereigh	5.9
Norton	24.6
Maussakele	6.5
Canyon	8.0
Lakshapana	39.0
Upper Kotmale	7.2
Kotmale	28.8
Victoriya	0.3
Randenigala	30.2
Rantambe	0.0
Bowatenna	0.0
Ukuwela	0.0
Samanala Wawa	81.5
Kukuleganaga	18.0
Maskeliya	0.0

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

2. Temperature

The highest day time (maximum) temperature, 37.7 °C was reported from Anuradhapura main meteorological station and the lowest minimum temperature was 6.8 °C reported at Nuwara-Eliya station on 22 February.

Day time temperatures of almost all the stations were mostly above normal during the week and it was around 2-3°C above normal during this period which was a result of the light /mild wind flow across the country.

Minimum temperatures values were also predominantly above normal in almost all the stations during the week with some stations reporting 4-5°C above normal values towards the latter part of the week with the exception of Badulla where the minimum temperature was comparatively lower than the other stations.

3. Wind

Initially the winds were Easterly to North-easterly in the 850hPa and 700hPa level which gradually weakened towards the latter part of the week. 500hPa level winds were South-easterly in the beginning and then weakened during the course of the week with a null point over Sri Lanka which favored development of thunderstorms.