

## Probabilistic Rainfall Forecast for May-September (Southwest Monsoon) 2018

The probabilistic rainfall forecast for May-September (MJJAS) 2018 for Sri Lanka as given below.

The district wise average rainfall is given in the column 2 of the table 1. Chance (probability) of receiving below/about/above average is given in the columns 3, 4, and 5 respectively in the table 1.

There is a higher chance of receiving below average rainfall in the Jaffna, Killinochchi, Mullaitivu, Vavuniya, Trincomalee, Anuradhapura, Puttalam, Polonnaruwa, Kurunegala, Gampaha, Kegalle, Colombo, Kalutara, Galle and Matara districts.

Above average rainfall can be expected in the Nuwara Eliya, Badulla, Monaragala, Ampara and Hambantota districts.

There is no signal for the Mannar, Matale, Kandy, Rathnapura and Batticaloa districts. It indicates that equal chances of receiving below normal, near normal and above normal rainfall for those districts during the 2018 southwest monsoon season.

The probabilistic rainfall forecast for May-September (Southwest Monsoon) 2018 for Sri Lanka as given below.

District	Average rainfall (mm) –(May-September)	Probability %		
		Below	Normal	Above
Colombo	1293.1	60	20	20
Kalutara	1776.5	60	20	20
Galle	1535.6	60	20	20
Matara	1164.2	45	25	30
Hambantota	307.5	20	20	60
Ampara	268.4	25	25	50
Batticaloa	285.1	40	25	35
Trincomalee	338.9	55	30	25
Mullaithivu	242.6	50	20	30
Jaffna	180.9	50	25	25
Killinochchi	168.9	50	25	25
Mannar	144.8	40	30	30
Puttalam	278.4	50	25	25
Gampaha	1053.0	60	20	20
Kegalle	1714.5	60	20	20
Ratnapura	1314.0	40	25	35
Monaragala	303.3	25	25	50
Badulla	415.8	25	30	55
Pollonnaruwa	300.1	45	25	30
Vavuniya	274.4	50	25	25
Anuradapura	247.5	50	25	25
Kurunegala	472.5	50	25	25
Matale	359.1	35	25	40
Kandy	864.2	40	25	35
Nuwaraeliya	1285.2	30	25	45

Table 1

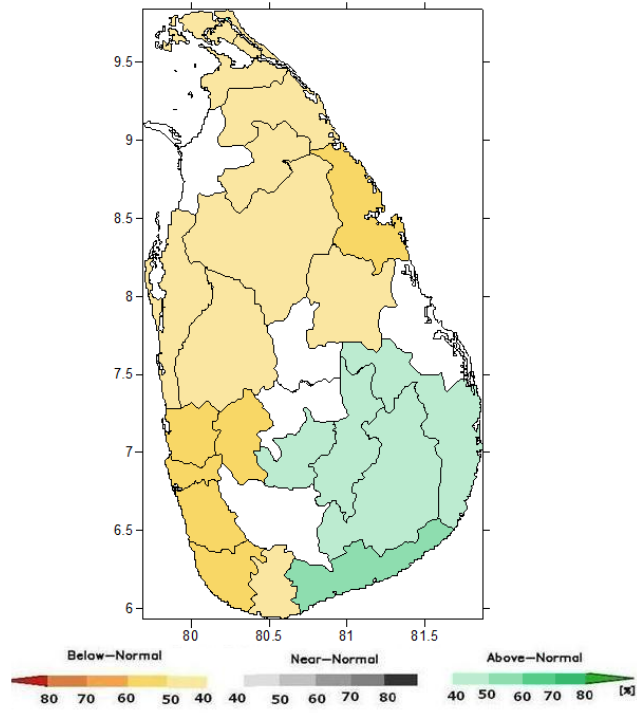


Fig 1. Probabilistic rainfall forecast for May-September (Southwest Monsoon) 2018