

## Probabilistic Temperature Forecast for November 2018

The probabilistic Temperature forecast for November 2018 for Sri Lanka as given below.

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

There is a higher chance of receiving slightly above average Maximum Temperatures in Mannar, Vavuniya, Anuradhapura, Trincomalee, Puttalam, Kurunegala, Kandy, NuwaraEliya, Badulla, Ratnapura, Batticaloa, Ampara, and Hambantota districts and below average Maximum Temperatures in Gampaha, Colombo, and Galle districts (Fig 1) for the November 2018.

There is a higher chance of receiving slightly above average Minimum Temperatures in Anuradhapura, Trincomalee, Batticaloa, Puttalam, Gampaha, Colombo, Kandy, NuwaraEliya, Ratnapura, Galle and Hambantota districts and slightly below average Minimum Temperatures in Vavuniya, Mannar, Ampara, and Badulla districts (Fig 2) for the November 2018.

The probabilistic forecast for Maximum Temperature and Minimum Temperatures for November 2018 for Sri Lanka is given below.

Table 1: probabilistic forecast for Maximum Temperature for November 2018

District	Average Maximum Temperature ( <sup>0</sup> C) –(November)	Probability %		
		Below	Normal	Above
Anuradhapura	30.3	25	15	60
Badulla	26.9	25	15	60
Batticaloa	29.3	30	10	60
Colombo	30.1	50	20	30
Galle	29.0	55	20	25
Hambantota	29.8	30	20	50
Katugastota	28.4	25	20	45
Katunayake	30.9	50	20	30
Mannar	29.6	25	30	45
Mahalluppallama	30.3	30	10	60
NuwaraEliya	19.7	30	20	50
Pottuvil	30.9	30	30	40
Puttalam	30.4	30	20	50
Ratnapura	31.7	30	20	50
Ratmalana	30.4	45	25	30
Trincomalee	29.2	30	10	60
Vavuniya	30.1	30	30	40
Kurunegala	30.9	30	10	60
Bandarawela	23.5	25	35	40

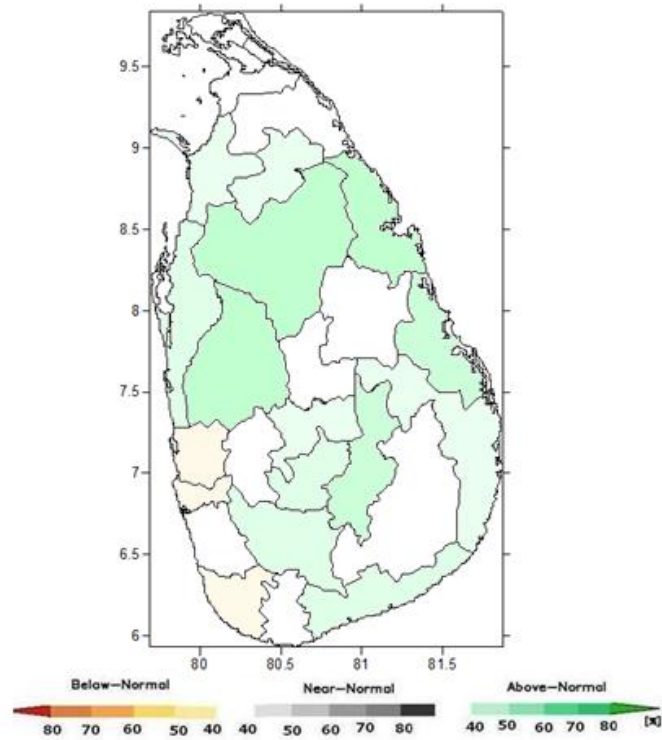


Fig 1: Probabilistic forecast for Maximum Temperatures for November 2018

Table 2: Probabilistic forecast for Minimum Temperatures for November 2018

District	Average Minimum Temperature ( $^{\circ}$ C) –(November)	Probability %		
		Below	Normal	Above
Anuradhapura	22.5	20	25	55
Badulla	18.8	20	35	45
Batticaloa	23.8	20	30	50
Colombo	23.2	20	25	55
Galle	23.5	20	30	50
Hambantota	23.6	20	30	50
Katugastota	20.0	15	35	50
Katunayake	22.8	20	25	55
Mannar	24.6	45	30	25
MahaIlluppallama	22.1	20	35	45
NuwaraEliya	11.5	20	30	50
Pottuvil	23.2	40	30	30
Puttalam	22.9	30	20	50
Ratnapura	22.6	25	20	45
Ratmalana	22.9	30	15	55
Trincomalee	24.2	35	20	45
Vavuniya	22.1	45	20	35
Kurunegala	22.1	20	30	50
Bandarawela	15.6	45	30	25

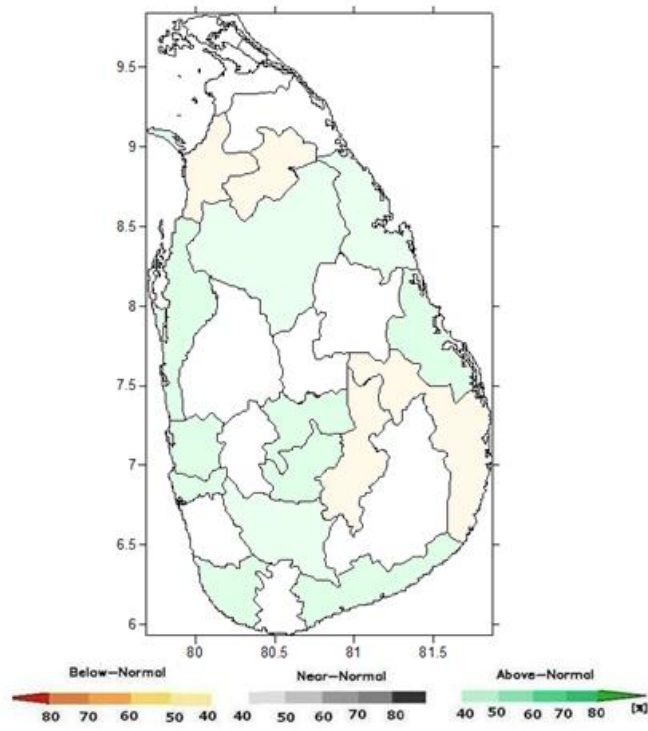


Fig 2: Probabilistic forecast for Minimum Temperatures for November 2018