

Probabilistic Temperature Forecast for August 2018

The probabilistic Temperature forecast for August 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 below average Maximum Temperatures in Vavunia, Anuradapura, Kurunegala, Gampaha, Colombo, Kandy, Nuwara Eliya, Badulla, Rathnapura, Galle and Hambantota districts and slightly above average Maximum Temperatures in Mannar and Puttalam districts and about average Maximum Temperatures in Trincomalee and Batticaloa districts (Fig 1) for the August 2018.

There is a higher chance of receiving slightly above average Minimum Temperatures in Mannar, Puttalam, Kurunegala, Gampaha, Colombo, Kandy, Nuwara Eliya, Rathnapura, Galle, Hambantota and Batticaloa districts and slightly below average Minimum Temperatures in Vavunia, Anuradapura, Trincomalee and Badulla districts (Fig 2) for the August 2018.

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

Table 1: probabilistic forecast for Maximum Temperature for August 2018

District	Average Maximum Temperature ($^{\circ}$ C) – (August)	Probability %		
		Below	Normal	Above
Anuradhapura	33.2	40	25	35
Badulla	30.5	40	30	30
Batticaloa	33.1	35	40	25
Colombo	30.0	40	30	30
Galle	28.4	40	25	35
Hambantota	30.1	40	25	35
Katugastota	28.0	40	35	25
Katunayake	30.5	40	30	30
Mannar	30.5	35	25	40
Maha Illuppallama	33.1	45	20	35
Nuwara Eliya	18.7	40	30	30
Pottuvil	34.3	35	35	30
Puttalam	31.5	35	25	40
Ratnapura	30.7	40	25	35
Ratmalana	30.1	40	25	35
Trincomalee	34.3	30	40	30
Vavuniya	33.9	40	30	30
Kurunegala	31.0	45	20	35
Bandarawela	25.7	40	35	25

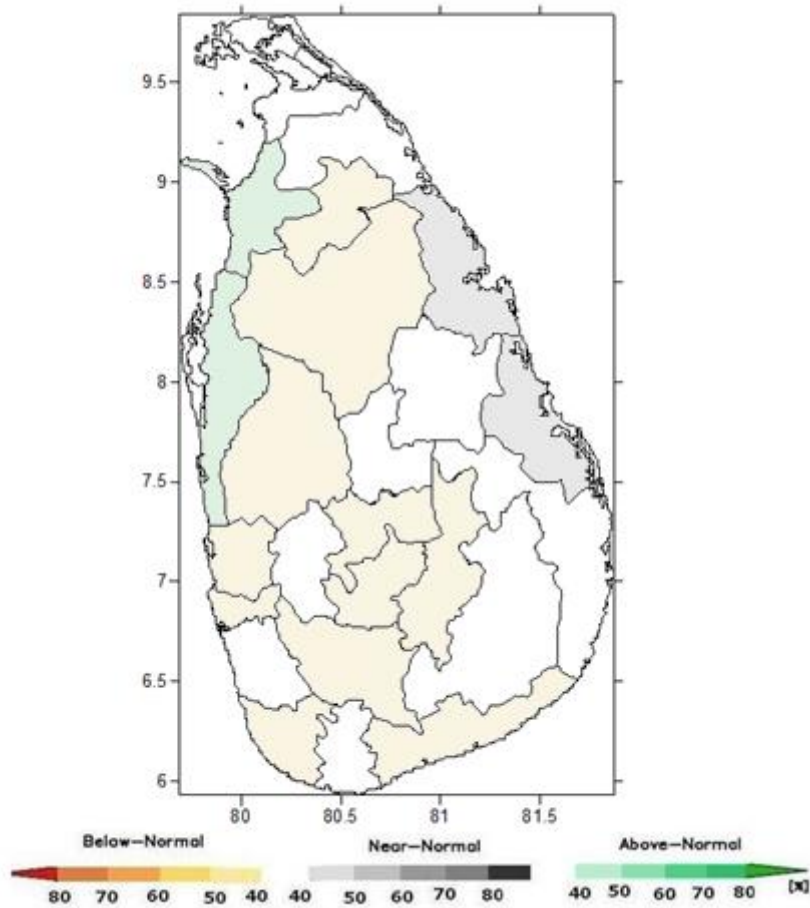


Fig 1: Probabilistic forecast for Maximum Temperatures for August 2018

Table 2: Probabilistic forecast for Minimum Temperatures for August 2018

District	Average Minimum Temperature ($^{\circ}$ C) – (August)	Probability %		
		Below	Normal	Above
Anuradhapura	24.4	45	15	40
Badulla	18.5	45	15	40
Batticaloa	25.1	40	15	45
Colombo	25.1	40	10	50
Galle	24.7	40	15	45
Hambantota	24.6	40	15	45
Katugastota	20.8	40	15	45
Katunayake	24.8	40	10	50
Mannar	26.2	30	30	40
MahaIlluppallama	24.3	45	15	40
NuwaraEliya	12.7	40	15	45
Pottuvil	25.0	35	35	30
Puttalam	25.5	40	15	45
Ratnapura	23.4	40	15	45
Ratmalana	24.9	40	10	50
Trincomalee	25.6	45	15	40
Vavuniya	24.1	45	20	35
Kurunegala	23.3	40	15	45
Bandarawela	16.5	45	20	35

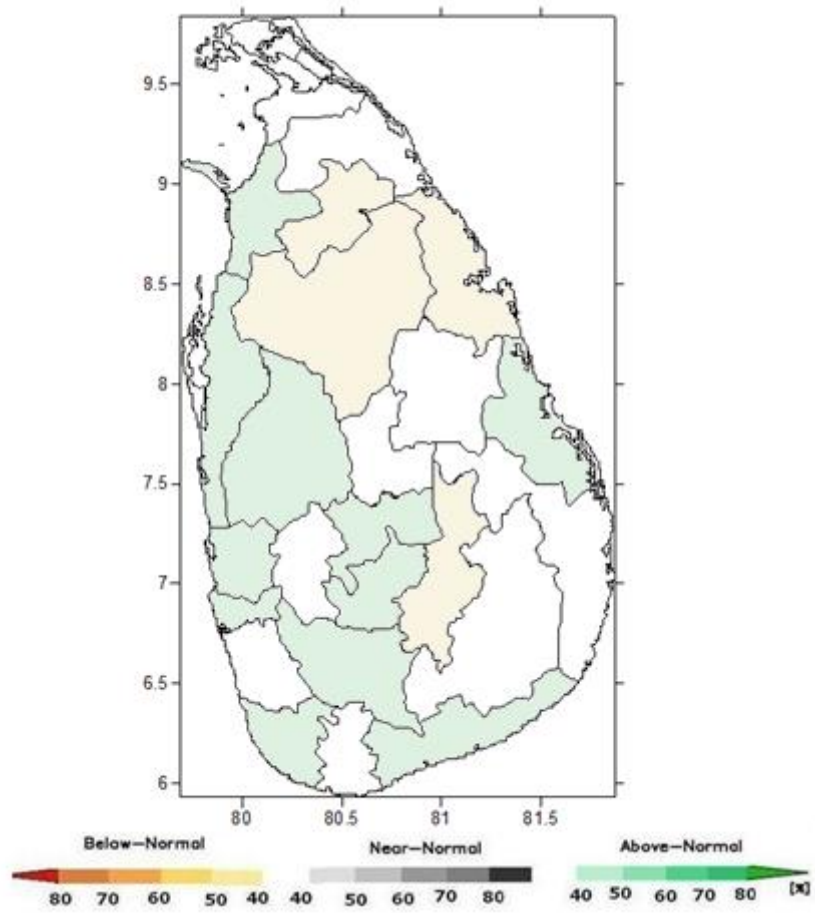


Fig 2: Probabilistic forecast for Minimum Temperatures for August 2018